

LETTERS TO SERENA:



CONTAINING,

- I. The Origin and Force of Prejudices.
- II. The History of the Soul's Immortality among the Heathens.
- III. The Origin of Idolatry, and Reasons of Heathenism.

As also,

- IV. A Letter to a Gentleman in Holland, showing SPINOSA's System of Philosophy to be without any Principle or Foundation.
- V. *Motion essential to Matter*; in Answer to some Remarks by a Noble Friend on the *Confutation of SPINOSA*.

To all which is Prefix'd,

- VI. A Preface; being a Letter to a Gentleman in London, sent together with the foregoing Dissertations, and declaring the several Occasions of writing them.

By Mr. TOLAND.



Opinionum Commenta delet Dies,
Naturæ Judicia confirmat. *Cic. de Nat. Deor. I. 2.*

London;

Printed for Bernard Lintot at the Middle-Temple Gate in Fleet-
street. M. DCC. IV.

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Advertisement concerning the Faults of the Press.

Notwithstanding the Care has been us'd in correcting this
Book, yet the Reader must with his Pen amend as follows.
In the Preface, to avoid Ambiguity, for Mennonite read Menno-
nist. Page 24. line 3. read Ionic before Philosophers. The
Marginal Note in p. 41. mark thus (') ought to be refer'd to l. 9.
of p. 50. P. 75. l. 16. for eighth read seventh. In p. 90. l.
13. after the word Minds, add this Period: From the same Original,
and in the same manner, the Poets did vastly increase
the Catalogue of the Gods, apostrophing as such not only the
Winds, Meteors, Clouds, Rivers, Fountains, Hills, and all
Parts of the Universe; but, likewise Facultys, Passions,
Habits, Accidens, and every thing they cou'd express by one
word, or which they cou'd address as a Person; and they pre-
sently made it a God or a Goddess, as the Word happen'd to
be of the Masculine or Feminine Gender, which was all the
Rule they observ'd in Deitys of so little consequence. Pag.
103. l. 10. for on read over. P. 127. l. 23. read many before
Mediators. P. 174. for mer read mere. P. 184. l. 2. after
Relations, read the Results of peculiar internal Dispositions, or
P. 199. l. 20. blot out of before Action. P. 225. l. 29. for
little read stined. In the Notes, consequati is put for conse-
quuti in the last Line of p. 80, as ô is put for å in the first Line
of p. 49, and perhaps there may be found a few others like these, not
capable to perplex an intelligent and candid Reader. The Greek is
printed without Accents, which are a useless, troublesome, and no
very ancient Invention; nor shou'd there have bin any Abbreviations
or Ligatures, had the Author's Directions bin observ'd, there being
no more Reason or Authority for such things in the Greek than in
the Latin, to speak nothing of the Beauty of the Page.



1. *Geography of the United States*
of the *United States*

1. *Geography of the United States*
of the *United States*



THE
PREFACE;

Being a Letter to a Gentle-
man in London, sent to-
gether with the following
Dissertations, and contain-
ing the several Occasions
of writing them.

The Preface.

quaintance ; which you kindly endeavour to excuse, tho not wholly to approve. As for observing no regular Correspondence, I believe you receiv'd Satisfaction in my last, nor are you to expect any thing more from me on that Subject : wherefore now, instead of the public News or the private Intrigues of this part of the World, I'll send you some account of my own Studys. This, I readily confess, one of the barrenest and least entertaining Themes I cou'd take ; but you may thank your self for the Trouble, as I hope you'll acquit me from the Choice. And, first of all, I must frankly say, that you are very unjust to this Country, and that all your Comparisons between foggy Air and cloudy Understandings, between slow Motions and dull Conceptions, between immense Wilds and Marshes and indigested Imaginations or immethodical Common places, are altogether

The Preface.

altogether groundless: nor needs there any other Censure of your Partiality, than to put you in mind of those great Names for War and Peace, for Arts and Letters, which this Country has in all times produc'd; with which it is adorn'd at present, and with many of whom you might have agreeably convers'd at London, were you less conceited of your own Countrymen, or had you a greater regard to Strangers. For there's but too much reason for the Complaints, which most Foreigners make of the Coldness and Neglect they commonly meet in England, and very often from those to whom abroad they have bin most friendly and obliging.

2. THIS Town, where I remain at present, seems to be the Metropolis of Politeness and Gallantry. As being the Seat of the Government, you may be sure the most refin'd Wits,

The Preface.

the most shining Beautys, and the most splendid Equipages make a Figure here ; besides a perpetual Concourse of Strangers, Men of the first Distinction in their own Countrys, whose Curiosity excited, and whose Fortunes enabl'd 'em to see other Men and Manners. Tho' they abound with true and useful Knowledg, yet I own to you, that there's little to be found of what the mistaken World is apt to honor with the name of Learning ; and tho' they have variety of excellent Books, yet bookish Porers for Wisdom are the most contemptible sort of Animals among 'em. To judg of things here by Appearance, there's but one continu'd Scene of Love and Gayety among the Young and the Fair, temper'd indeed, but not interrupted by the Men of Politics and Employ-
ment. A hasty Passenger, or one that cannot produce himself into all Companys, sees no more ; and knows less

The Preface.

less than he did at home, by giving his Friends a wrong Account. But believe me, SIR, I never met in any Part with choicer or more numerous Collections of Books in private Librarys, with freer Inquirers into the Series of History and the Secrets of Nature, nor with any (in a word) who better understood the Art of making Study a help to Conversation, of reading to good purpose by practising the World, of distinguishing Pedantry from Learning, and Ceremony from Civility.

3. IN such a Place you may imagine it must be my own fault, if I neglect those Studys, to which you know me so much addicted, and which I may rather improve than abandon by such variety of diverting Intervals. I assure you, that while I enjoy Health and Liberty, no Consideration shall be able to debar me from the use

The Preface.

of good Books, wherein I am per-
suaded the only perfect Pleasure is
to be found: for tho I love a great
many other Pleasures natural to Man,
and that I temperately indulge my self
in all that are lawful, yet I must
agree with common Experience, that
in every one of them there's always a
mixture of Pain, either in the Ex-
pectation, in the Enjoyment, or in the
Consequences; whereas in going over
an entertaining Book, the Reader
tastes an absolute Satisfaction without
any disturbing Allay, unmindful of the
past, not sollicitous for the future, and
wholly taken up with his present Hap-
piness. I have therefore the Power
and the Will to pursue my former
Studys, as well as many Occasions to
increase that Knowldg, which is the
Ornament and Perfection of our Na-
ture: but you are to impute the
small Advances I make under such
favourable Circumstances, not to
want

The Preface.

want of Inclination, but of Capacity.

4. *THO I have less Business than some People think, or at least report, yet when I first came hither, I did resolve to confine my self to Reading and Converse, without ever yielding to the Temptation of writing so much as a familiar Letter: but I was quickly oblig'd to take other Measures, by the repeated Desires of a Correspondent, to whom it's not in my power to deny any thing. The Person lives on this side the Sea, tho' not in this Town; and, what will further mortify your Partiality, it is a fair Lady, who was pleas'd to ask my Opinion concerning the Subjects of the three first Dissertations in the Pacquet annex'd, and which I send to convince you that I was not quite so idle as you thought. She's Wife to a Man of conspicuous Dignity, which is all that imports you to know*

The Preface.
at present of her Person.

5. NOW do I see the inmost Thoughts of your Soul, as well as if I had the managing of all its Weights and Springs, or had the very forming of your Brain. You may remember how often I took the part of the other Sex against your Prejudices rather than your Judgment. I was conscious, it's true, of the Goodness of my Cause; but, without Vanity, I cou'd defend a worse against such Arguments, as were only drawn from the habitual Discourse of your Companions, from the ordinary bad Education of Women, or from the famous Ladys of that place where you happen'd to be first bred; and with whom you had a more intimate Acquaintance, than with any of a better Character, either since or before. How often was I forc'd to describe to you what rude, unmannerly, ignorant, and rough-hewn Monsters, those

of

The Preface.

of our Sex use to be, who are not cultivated and polish'd by Conversation or Letters; and that the Wives and Daughters of such Peasants have generally more Wit and Cunning, a greater share of Breeding and Sagacity? Whether the Exclusion of Women from Learning be the Effect of inveterate Custom, or proceeds from Design in the Men, shall be no Inquiry of mine: but if a Woman once in her Life happens to pry into Books, and that upon this she grows troublesome, affected, or ridiculous (as 'tis a thousand to one she does not), what a clutter do we make about this matter, how ready are we to improve it against their natural Genius, and what Triumphs are we decreeing to the Superiority of our own Understandings? Whereas, God knows, this is nothing at all to the purpose, or at most but the same thing with the Impertinence, Pride, and Pedantry of those Men,

who

The Preface.

who are only Smatterers in Learning, superficial Readers of Books, the sworn Heralds of Authors and Editions, Collectors of hard or high sounding Words and crabbed Phrases, eager Hunters after Rules and Eymologys, or mere Scholars, and therefore mere Asses. I won't repeat what I demonstrated to you (for I thought it worth the Pains) about the Parity of the intellectual Organs in both Sexes, and that what puts 'em both on the same foot in Discourse of ordinary Business (which is deny'd by no body) makes 'em equally capable of all Improvements, had they but equally the same Advantages of Education, Travel, Company, and the Management of Affairs.

6. I MIGHT dispense with the Trouble of alledging Reasons, where Experience is so express of my side; and 'tis not likely that you have forgot

The Preface.

got some intire Volumes, which I recommended to your Library, containing nothing but the Lives of such Women, among the Antients and the Moderns, as became famous in their own Time, and deserv'd to have their Names transmitted to Posterity, for their admirable Writings in Philosophy, Divinity, Morality, and History, in Verse and Prose, as well as for their approv'd Skill in Painting, in Musick, and in all the other Arts and Sciences, in the Conduct of formidable WVars, and the Administration of Civil Affairs, no less than in private Oeconomy.

DIogenes Laertius dedicates to a Lady the History of the Opinions as well as the Lives of the antient Philosophers; and therefore we must suppose that she understood their several Systems, many of 'em extremely intricate and abstruse, especially those in which she most delighted, the Philosophy of PLATO and EPICURUS.

Monsieur

The Preface.

Monsieur MENAGE has written a whole Book of the Female Philosophers, inscrib'd to a Woman now alive, the Celebrated Madam DACIER, Daughter to the great Philologist TANANQUIL FABER. All the Learned World has done Justice to her excellent Works, and no body questions but she's one of the best Critics of our Time in the Greek and Latin Authors, of which the ample Pension settl'd on her by the French King is truly the weakest Argument, considering some others that are in his Pay. I cou'd write a Volume to you my self of such as I know to be in several Parts of Europe, without recalling from the Dead the Pythagoric Ladys of antient Italy. And among divers others in England (where nevertheless they are scarce enough) you may find a Lady not personally known to me, who is absolute Mistress of the most abstracted Speculations in the Metaphysics, and who with

The Preface.

with an easy Turn of Stile and Argument has defended Mr. Lock's Essay of Human Understanding,) against the Letters of an Eminent Divine. Her Book is intitul'd, A Defence of the Essay of Human Understanding, written by Mr. Lock, ---- In Answer to some Remarks on that Essay.

7. FOR Womens wisely governing of States and their valiant Conduct in War, I need not go back to the Babylonian SEMIRAMIS, the Scythian THOMYRIS, the British BOADICEA, or the Palmyrean ZENOBIA. What think you of MARGARET the famous Regent of the Spanish Netherlands? And how often have I known you transported in reading the glorious Annals of our own most learned Linguist, Queen ELIZABETH, who chose and directed her incomparable Counsellors, and who wisely gave

The Preface.

gave hopes to the Papists of her Favor at the first, that she might afterwards (as she did) with the greater Security establish the Protestant Religion on an unshaken Foundation? Thus she became in a small time the Terror of her Enemys, the Darling of her Subjects, the Support of her Allys, and fill'd all Europe then with Envy and Admiracion, as she has since done the whole *W*orld with her Name. At this very instant, Queen *A N N E*, who graces the same Throne, and who proposes *E L I Z A B E T H* for her Patterne, abundantly shows what a Lady is capable to do. For as she yields to no Prince whatsoever for the Administration of common Justice in her Dominions, in maintaining most powerful Fleets by Sea and numerous Armys by Land, in heading the Grand Alliance of so many different Nations and Persuasions against the Tyranny of France, and providing fit Supplys for the *W*ars

The Preface.

W^oaks in Germany, Flanders, Spain, and the Indies : so (what seems to be yet a weightier Task) she keeps such an even Balance among the several contending Partys at home, that they are not able, according to their unnatural Dispositions, to oppress or devour one another ; and even such as oppose her just Title in favor of a pretended Brother, find her as merciful in her Lenity to their Persons, as prudent in preventing their pernicious Designs. She has given sufficient Proofs that she will not be influenc'd by the Clamors of Bigots from any Quarter, as well knowing 'em to be the restless Firebrands of Society, and the Disturbers of the public Tranquillity, under pretence of having greater Zeal than others for Religion, while they only push forward their own particular Piques and Designs, tho' under the false color of advancing God's Cause or the Church. Nevertheless she generously endeavours

to

The Preface.

to quiet and satisfy the Minds of all sorts of Men, without neglecting the most unreasonable; which extraordinary Goodness (not duly understood at the beginning) did animate the malignant Party too hastily to show their vindictive and arbitrary Spirit, as it drew some peaceable Murmuring from the Friends of Liberty, out of Apprehensions for her Majesty's Safety and the Preservation of the Commonwealth. But her Enemys were sadly disappointed, and her dutiful Subjects seasonably confirm'd, when it appear'd to all the *VWorld* (and to us here especially) by her Speech at the opening of this Session of Parliament, that she wou'd not only govern the Church and State according to the known Laws of England, but likewise resolutely maintain the Regal Succession in the Protestant Line, with a full and impartial Toleration to all Protestant Dissenters. Here's but a short Character of what's due to the Merits of a *VWoman*,

The Preface.

man, and this under the Disadvantage of succeeding so great a Man as King WILLIAM. Or if there wanted yet an Example, SIR, to reconcile you to Female Ability, I wou'd alledg the Presumptive Heir of our Crown, her Electoral Highness the Princess SOPHIA, who for the many Languages she speaks so perfectly, for her vast Knowledg in History, her deep Insight in State-Affairs, and nice understanding of the principal Controversys in Religion and Philosophy, is highly applauded by most of the Learned Men in Europe. Now, if after all these Reasons and Instances, you are not yet become a sincere Convert, you shall not only be pronounced an obstinate Heretick, but be deliver'd over to the Scorn of the Ladys, as an adequate Punishment of your Crime.

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8. BUT

The Preface.

8. **B**UT however you continue dispos'd, as to this matter; yet the Length and Number of the Discourses I send hereby, are a sufficient Answer to what you wrote of my ordinary Occupations in this Place. The Lady at whose Request I wrote the most of 'em, wants no Qualifications for comprehending their Contents, no more than she wanted Curiosity to propose the Questions. She understands none of the antient Languages, tho' she knows very well the Importance of Authority, and will believe no Matters of Fact without it. But as well for your own sake, as to obviate the Scruples of those to whom you may occasionally show these Letters (and you have leave to do so to as many as you please) I have added all the Original Words of the Quotations in the Margin, tho' in my Discourse to the Lady they run in the same continu'd Thread and Stile

The Preface:

Stile with the rest. This has bin the laudable Method of the Antients, notwithstanding the Moderns have so strangely perplex'd their Readers with the odd manner of inserting their Authoritys: nor did ever any Person pretend that a Roman Lady of good Sense cou'd not read CICERO of Human Dutys, or his Dialogues about Divination, because he has artfully wrought into his own Text and Words, so many Passages of the Greek Writers; whereas no Woman on Earth (and very few Men) can make any thing of SELDEN or SALMASIUS, without being tir'd and disgusted, which cou'd not fail, even had they written in the vulgar Languages. To say that Ladys ought not to be troubl'd with Authority in Reasoning, is not only to say that they are unreasonable Creatures, but also that the Scripture must never be quoted to 'em in Religion; because the Men will not let them

The Preface.

learn Hebrew, or that they are not willing themselves to spoil the Softness of their Pronunciation by so harsh a Language.

9. YOU may depend upon it, SIR, that my Correspondent is one of the most curious Persons you ever knew, and Mistriss of a vast Compass of Knowledg, having read all that's worth the pains in the Modern Tongues, to speak nothing of the best Translations from the antient Originals: and doubtless you'll allow a Lady to admire those old Men that are long since dead, provided she esteems the young Men that deserve it among the Living. Tho' some may think SERENA an imaginary Lady, yet I assure you in particular that she's a very real Person, which I the rather repeat, both to create in you a better Opinion of Women, having so frequently prest you to marry; and in hopes that you'll give

The Preface.

give such an Education to your Daughters (if ever you have any) as to be a leading Example to others: for the Practice of one Man of Fortune, Birth, and Reputation, has often gone very far towards reforming a whole Country. As for others, 'tis no matter if they still believe S E R E N A a Romantic Name, like the Marchioness of Monsieur de F O N T E N E L L E S in his Plurality of Worlds: for they'll be so just however to acknowledg, that if I had the making of a Woman according to my own Fancy, she shou'd be quite another thing from those vain, giddy, affected, pratling, and gawdy things, who are as cheap as they are common, and who, as they are nothing but Outside themselves, value nothing but Outside in others; being Strangers to all good Qualitys, void of solid Vertue and true Merit; fit only for an hour's Diversion or Amusement, but not for the principal De-

The Preface.

light and indissoluble Society of Life. This is no more a Reflection on the Women, than on the generality of the Men, whose Foppery, Singularity, Pride, Ignorance, and Intemperance, must set 'em at least on an equal bottom with the other Sex. Nor ought this Consideration to heighten your Aversion, but your Caution, since being none of those Men, you may reasonably expect your match among the Women.

10. BUT leaving the Ladys for this time, I must prepare you a little, SIR, for reading the Letters annext, by telling you the several Occasions of writing them. The Subject of the first Letter is The Origin and Force of Prejudices, not from their physical, but their moral Causes. The Occasion was my showing to SERENA the following Passage of CICERO. Neither

The Preface.

* Neither Parents (says he) nor Nurse, or Schoolmaster, or Poet, or Playhouse depraves our Senses, nor can the Consent of the Multitude mislead them : but all sorts of Traps are laid to seduce our Understandings, either by those whom I just now mention'd, who when they receive us tender and ignorant, infect and bend us as they please ; or else by that Pleasure which lies so deeply rooted in every one of our Senses, the pretended Follower of Good, but the real Mother of all Evils, corrupted by whose Allurements, we do not sufficiently distinguish those

b 4. v. 3. things

* *Sensus nostros non Paren, non Nutrix, non Magister, non Poeta, non Scena depravat, non multitudinis Consensus abducit : at vero Animis omnes tenduntur Insidia, vel abiis quos modo enumeravi, qui teneros & rudes cum acceperunt, inficiunt & flectunt ut volunt ; vel ab ea, quæ penitus in omni sensu implicata infidet, imitatrix Boni voluptas, Malorum autem mater omnium, cuius*

The Preface.

things that are good by Nature, because they want this Softness and Titillation. *Admiring the masterly Strength, and yet natural Easiness of these Words,* she own'd to me, that after discovering many Prejudices to be really such, yet she did not find her self perfectly cur'd of their Influence and frequent Returns. *VVherefore she demanded my Opinion of this matter in writing,* which I perform'd in as brief a manner as I cou'd, taking that very Passage for my Text; showing the successive Growth and Increase of Prejudices thro every step of our Lives, and proving that all the Men in the *VWorld* are join'd in the same Conspiracy to deprave the Reason of every individual Person. I have drawn as lively a Picture as I cou'd in little, of the Pre-

cujus Blanditiis corrupti quæ natura bona sunt, quia dulcedine hac & scabie carent, non cernimus satis. *De Leg. lib. I.*

judices

The Preface.

judices in all Conditions of Men, nor have I tax'd any thing but what is blam'd by every one in others, however they may indulge their own Mistakes: and he that will infer, that I am against either Learning, or Religion, or Government, from what I have censur'd in Schools, Universitys, Churches, or Statesmen, may with as good reason pretend that I am against breeding up or nursing of Children, against all Professions and Trades, against ordinary Conversation, or living in Society; since there's none of these without their peculiar Abuses, and that they are only such Abuses which I disprove.

II. *THE* second Letter contains The History of the Soul's Immortality among the Heathens, and was written at *S E R E N A*'s Request. After asking me one day, whether Justice was done to *P L A T O* in

The Preface.

a French Translation of his **PHÆDO**, which I recommended to her, and my answering that his Sense was pretty well represented, tho his Elegance far from being express; she wonder'd that the reading of that Book cou'd add any Force to **CATO**'s Resolution of laying violent hands on himself, to avoid falling under the Usurpation of **CÆSAR**; and much more that it cou'd so transport **CLEOMBROTUS** of Ambracia as to precipitate himself into the Sea, the sooner to arrive at that happy State therein describ'd: acknowledging that she found little cogent Evidence, and a world of precarious Suppositions, throughout that whole tedious Dialogue. I told her that Divine Authority was the surest Anchor of our Hope, and the best if not the only Demonstration of the Soul's Immortality. I added, that it was not strange to find this Opinion doubted or deny'd by many of the Heathens, and made a

matter

The Preface.

matter of such Indifference by most of 'em, considering how it first came to be known among them, and the feeble Reasons they had to believe it: concluding, that C A T O wou'd not have surviv'd the Liberty of Rome, had he never seen the Works of P L A T O ; that the Story of C L E O M E R O T U S was far from being well attested; that some of the Antients themselves laid little stress on the Arguments there put in the mouth of S O C R A T E S ; and that C I C E R O , the profest Admirer of P L A T O , and particularly of this Book, cou'd yet give his Censure of it in these words: * But I know not how it happens (says he) that while I read I assent; but when I have laid aside the Book, and begin to reason with my self about the

* Sed nescio quo modo, dum lego assentior: cum posui Librum, & inecum ipse de Immortalitate Animalium

The Preface.

the Soul's Immortality, all that Assent is vanish'd. She was surpriz'd to hear me talk of a Time when this Opinion begun among the Heathens, as if like other Notions it had its proper Authors, Favorers, or Opposers, all which I roundly affirm'd to her, and that withal I wou'd show her the gradual Progress of it thro' all the Parts of the Earth then known, together with the true Original of the Poetical Fables concerning the Elysian Fields, the Rivers, Judges, Gates, and Ferryman of Hell, of Souls being disquieted for want of orderly Burial, and manifest Proofs that the antient Egyptians were the genuine Fountains of all Learning and Religion to the Heathen World. All this I have under your'd to make out, I will not say by the best Authoritys that ever were, but by the best in the

marum ceipi cogitare, Assensio omnis illa elabitur.
Tusc. Quest. lib. I. most

The Preface.

most ancient Books we have remaining ; for in these cases Suppositions ought to go for nothing, and therefore when we say that such or such were the first that taught Astronomy, that built Temples, that practis'd Magick, we do not mean absolutely the first (for in so many Ages who cou'd be certain of that ?) but the first that can be prov'd on Record so to have done ; and thus I wou'd be understood whenever I express my self in that manner. I have in this Letter likewise prov'd, that the Opinion of the Soul's Immortality had not its beginning from the Philosophers, as making such an Inference from the Spontaneous Motions, Reasoning, or Speech of Men ; but, on the contrary, I have shown this Notion among the Heathens to have bin first taken up by the Mob, popular Traditions often becoming the Doctrins of Philosophers, who strive to support by good Reasons what the others begun with none or

The Preface.

or very bad ones. If what I have alledg'd be found to be true; it first confutes those who commonly suppose that the Heathens had learnt the Soul's Immortality from the Jews, and secondly the Opinion which Dr. C O W A R D has espous'd, * That the separate Existence of Human Souls proceeded from the Heathen Philosophers and no others; tho when I wrote that Letter I did not know there was any such Book in the world as the Doctor's, which I have but lately seen, and found nothing in it to my purpose.

12. IN the third Letter written likewise to S E R E N A, and at her own Desire; you'll find The Origin of Idolatry, explain'd after a very different manner from what is commonly receiv'd. There also you may read the first Causes of the Heathen Temples,

* Grand Essay, p. 105.

Priests,

The Preface.

Priests, and Altars, their Feasts, and Sacrifices ; of Images, Statues, and Tutelary Powers ; of Ghosts, Specters, Oracles, Magick, and Judiciary Astrology ; with the Reasons how People came to imagine that Heaven (or the Palace of the Good) was over their Heads, and that Hell (or the Prison of the Wicked) was under their Feet ; why they look up when they pray, and several other things of this nature, for which it's generally imagin'd no account can be given besides Custom, or that in the Abyss of Time, and under the Ruins of proper Monuments, such Originals are irrecoverably bury'd. Reasons are likewise given in this Letter for the principal of the Heathen Rites, the odd Descriptions they have made of their Deitys, the ungodlike Historys they relate of their Actions, and other Particularitys which have bin long regarded as the Fictions of Poets, or the Extravagancys of human Imagination, but

The Preface.

but no way to be probably reduc'd to the Exactness of History. And last of all is explain'd the threefold Division of the Heathen Theology into Natural, Civil, and Poetical, with the Allegorical Interpretation of their Mysterys, and a Parallel of their Practices with the Corruptions of Christianity; whereby it appears that in all Ages Superstition is actually the same, however the Names of it may vary. This third is the longest of all the Letters, but you'll think it impossible that in so short a one any Satisfaction can be given concerning so many different Subjects as I have already nam'd, not to insist on what I have not time to mention: and therefore you are to suppose that I don't empty common places here, and deliver all that may be said on each of these Heads (which I have bin far from doing) but only all that's strictly necessary to make 'em very certain, easy, and intelligible to a Lady, and consequently to all Capacitys. This is

The Preface.

is not an Argument therefore that I have no more Reasons or Authoritys left to defend what may be reckon'd dangerous Paradoxes, by such as are mortally afraid if they are led, but one step out of the common Road, tho but to make their way shorter and safer, or to walk upon Carpet Downs, instead of wandering guideless thro a Wilderness, over Lakes and Morasses, among dreadful Rocks and Precipices.

13. You'll wonder, I believe, that I shou'd differ so much both about the Origin and Progress of Idolatry, with one whose Book on this very Subject I have so lately recommended to you under an advantageous Character; I mean the most faithful and laborious Antiquary, ANTHONY VANDALB, principal Physician to the City of Harlem. My Opinion of that Book is still the same, only that (as I then told you) instead of the Origin and Progress of Idolatry, I think it ought to have been intitul'd,

The Preface.

A compleat Collection of the most antient Heathen, Jewish, and Christian Superstitions : for these things are in that Book very accurately described, but little said of their Origins or nothing contrary to my Authorities, except what I have confuted about the worship of the Celestial Bodys ; and the Progress of Idolatry from Chaldea to Syria and other Parts of Asia, particularly to Ionia, thence to Greece, and so on, barely suppos'd, but not offer'd to be prov'd, as may be seen in the second and third Chapters of the first Dissertation, where the Subject is indeed but incidentally hinted. Nor do I question but that learned Gentleman will prefer good Authority, tho' not commonly taken notice of, to a vulgar Error, tho' generally approv'd. Mr. VANDALE's History of the Heathen Oracles you have already perus'd with great Satisfaction. He has lately publish'd eleven Dissertations relating chiefly to the Sacred Functions of the Heathens, wherein from
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Medals,

The Preface.

Medals, Inscriptions, and Passages of Authors, vast Discoverys are made in Antiquity. He has at present in the Press a Confutation of the pretended ARISTEAS, and consequently the History of the Greek Translation of the Old Testament, falsely attributed to the seventy Interpreters. In the same Volume he treats of the antient Rites of Purification and Regeneration, as Washings, Sprinklings, Immersions, by Water, by Blood, and the like; whence we are to expect many curious Circumstances relating to Christian Baptism, deliver'd not only with the greatest Freedom, but also with the utmost Fairness: for tho Mr. VANDALE be by Profession a Mennionite, or (as we term them) an Anabaptist, yet he's one of the most passionate Lovers of Truth, as well as of his Friends, that I ever knew; of a large Soul notwithstanding his narrow Fortune, and of nobler Thoughts than to be a Bigot to any thing against

The Preface.

plain Reason or Authority.

4. I HAVE written other Letters to S E R E N A, and concerning matters much more curious ; but not having yet transcrib'd 'em fair, I send you instead of them two Philosophical Letters, written to Gentlemen altogether unknown to you. The first, being the fourth in the Pacquet, was sent to an excessive Admirer of S P I N O S A, one wholly addicted to his Principles, and reputed the best of any to understand his System. After having disputed together at several times on several Heads, I told him once, en passant, that the whole Fabrick of that Philosophy was without any solid Foundation ; of which he laying immediate hold, wou'd never let me be quiet, till, getting leisure enough in a lovely Country Retirement, I wrote this Letter. Being a Person of extraordinary Courage, he freely acknowledg'd S P I N O S A

The Preface.

is apt to be defective in that point, and consequently in all that depended on it; tho' he had never observ'd so much before, and some other Spinozists shew'd the same Ingenuity. But a Gentleman, no less illustrious for his excellent Learning than his noble Family, having got a sight of what they stild the **Confutation of SPINOZA**, and which they handed one to another, he bestow'd many Commendations (not fit for me to repeat) on that part of the Letter which directly regarded that Philosopher: but express'd his Dislike of the latter part, wherein I declar'd my own Opinion, that Motion is essential to Matter no less than Extension, and that Matter neither ever was nor ever can be a sluggish, dead, and inactive Lump, or in a State of absolute Repose. To the several Objections he was pleas'd to make, I return'd distinct Answers, in the second Letter, which is the fifth and last in

The Preface

the Pacquet. For the Apology I make about maintaining a Notion so flatly opposite both to the Ancients and Moderns, I refer you to the Letter it self, where you'll like it is before con-
vinc'd that my Opinion is not charge-
able with any of those ill Consequences,
to which at first sight it may seem ob-
noxious. I shall not anticipate your
own Observation with relation to what
important Uses it may serve in Philosophy,
since the Question ought not to
be how convenient, but how true it is:
nor will I excuse my writing of the
Mysterys of Philosophy in so plain a
Stile, being sorry I had not time enough
to render those things much more com-
mon and intelligible, it being a great
deal easier to deliver 'em in the ordinary
Terms of Art; but then fewer are least
Judges of the Controversy, and the
Subject made less useful or entertain-
ing. I hope, if Dr. COWARD
(whose last Book I have lately perus'd)
happens

The Preface.

Happen to see this Letter, that he
will not affirm it to be evidently
plain that Motion is not Matter,
tho' if we come to define it, say
he, we can hardly find Words to
express its Quiddity by: for I fan-
cy I have made it very clear, that
Motion is but Matter under a certain
Consideration, tho' it does not imply or
exhaust the whole Idea of Matter, no
more than Extension does. : One that
saw (as he professes to do †) the
Possibility of God's endowing
Matter with self-movent Principles,
will no longer hold it to be philo-
sophically impossible: nor maintain
that || it does not always exert its
self from some latent and un-
known Reasons of the Divine
Wisdom; and these Reasons he gives
as latent and occult, so occult

* Grand Essay, p. 74.

† Ibid. Preface.

|| Ibid. p. 153.

The Preface.

ses may be * to preserve the Order and Frame of the Universe, which (he thinks) shou'd all Matter start up into Self-motion, wou'd necessarily be destroy'd, and therefore God has thought fit to restrain it. When he considers my Arguments, he'll find no such danger to the Universe, as he apprebends, from Matter's constant Exercise of its essential Action : and indeed it wou'd be a Contradiction that Motion was essential to Matter, and yet that only some Parts of Matter, and on certain occasions, were endow'd with a power of moving themselves ; whereas Matter may as well be sometimes without Extension as without Motion, if there be any weight in my Allegations ; tho neither this, nor that, nor any other particular Direction of its Motion be essential to

it.

* Id. ib.

vi

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The Preface.

it, but left to the ordinary Determinations of the mutual Action of Bodys on one another, or to the immediate Power and most wise Purpose of Almighty God. But to say that God may take Motion from Matter, tho it were essential to it, is to say, that he can deprive it of Extension or Solidity; and this is to say, that he can make it no Matter.

15. ACCORDING to the liberty I gave you before, you may indifferently show these Letters to all your Acquaintance that are curious of such things, without inquiring whether they be Friends or Foes to me, whether they be Whigs or Tories, Latitudinarians or Pracitians, Occasional Conformists or Nonjurant Schismatics: for there's nothing in this Pacquet relating to the Disputes which divide 'em at present either in Religion or Politics, nothing but what may be read without Passion

The Preface.

Passion by those of all Party's, Sects, and Factions. These are only innocent Researches into the venerable Ruins of Antiquity, or short Essays in Philosophy, not calculated to offend any, but to please all; and to divert, if they are not capable to instruct. As for those who are jealous of every thing, they are sufficiently punish'd in having their Censures valid by no body; and (as we use to quiet froward Children) to neglect their Complaints, and not to humour their Pettishness, is the most certain way of silencing those peevish Knights Errant, who are always in search of new Adventures, and make every one they encounter a Giant or a Dwarf. It were an effectual Method indeed to discourage all Improvements in Learning, all further Progress in Knowledge or Politeness, if Men cou'd be deter'd from presenting the World with the Opinions, Manners, Religions, or Governments of the Antients, lest any

The Preface.

any of the Moderns shou'd fancy their own Personages to be acted under this Disguise : nor will I deny but Applications of this kind may sometimes be very naturally made, tho a Writer had never thought or intended such a thing, which I declare to be my present Disposition, except where I have directly express'd the Comparison; but such Inferences are much easier drawn by the People concern'd, who must needs perceive the best of any, what has the greatest Resemblance with their own Doctrines or Practices. Now in this Case there remains, in my judgment, but one of these two things; either to reject what they themselves defend, if it be no better grounded than what they condemn in the Antients, and that perhaps it has from thence its very Originals: or else to get a Law enacted, that People must not be told what the Antients believ'd, and that the Moderns never copy'd any thing from them but what was absolutely useful

The Preface.

ful and good, omitting all that was any way bad or erroneous.

16. AS for the Reflections you may not be willing to hear against me from any of your angry Friends, I have often advis'd you not to trouble your self about such Trifles no more than I do; at least till you see that my Betters in Church and State can be able to secure themselves from the Slander and Calumny of those, who have an Interest to decry their Persons, or want Ability to oppose their Performances. Mankind is in all Ages the same; the same Artifices have bin ever us'd to raise their Passions or to misguide their Zeal; and no Apology's can satisfy such as are angry without a reason, or out of personal Hatred; wherefore all wise Men have ever despis'd the Outcries of this sort, and if they performid any thing worthy of Notice or Praise; they wou'd wonder more to hear they were not

The Preface.

not blam'd (which seldom happen'd) than that they were maliciously attack'd as they expected, suspecting by the Silence of others that their Work was contemptible, or fearing from the general Approbation that they had not written the Truth. But whatever might be their Fortune in their own Time, impartial Posterity does justice to their Memory, when that of their Adversarys is utterly forgot, or remember'd only to their Disgrace, for their envious or ignorant Opposition of what deserv'd their Thanks and Approbation. Of all Weaknesses Vanity is certainly the most unbecoming; and yet when an Adversary rails, a man is very apt to think he cannot reason; that when he's angry, 'tis because he cannot answer; that he has little to say to the Subject, when he rambles to things which are foreign to it; and that when he raises a Dust, 'tis to blind his Reader's Eyes, or to escape under the favor of his own Clouds. There are some, we know,

The Preface.

know, of that peculiar Temper, that they cannot live, if they are not bespattering one or other ; and if it be necessary for their Health, or that their Constitution requires this Discharge of their Choler, we ought no more to blame them, than we find others regard what they say. As for the Character of a Low Churchman, which you sent me, and such other Authors, who notwithstanding my Absence, or not intermeddling in their Controversy, and considering the Satisfaction I gave in Vindicius Liberius concerning the Exceptions taken at Christianity not Mysterious, yet have wire-drawn my Name into their irreligious Invectives, and wou'd needs honor me with their Abuses in so good Company, as that of our most venerable Prelates ; who, in short, have us'd the same Language since my Silence and Compliance as before ; 'tis plainly evident, that all their Pretences were

The Preface.

were as hypocritical as their Charity is narrow, that they were never act'd by Zeal for my Soul, but Malice against my Person, not out of Concern for the Church, but to gratify a Faction, and some of 'em to be rewarded for petty Services, who can never expect Preferment by greater. These are the men who occasion'd that Scandal on the Clergy, that they never forgive; but God forbid that a great Body should be chargeable with the Offences of a few, who scribble without their Consent. He shall at any time have my Thanks, and not my Displeasure, who treats me with no more Respect than our never to be forgotten Deliverer from Slavery and the inimitable Stator of our Liberty, King WILLIAM; who gives me no better Quarter than to so considerable a Body of Protestants and good Subjects as the English Dissenters; and who shows no more Tenderness to me, than to all the moderate Members of the establish'd Church.

The Preface.

Church. But that Person has pleas'd so very few by his furious and intemperate way of writing, not to speak of his want of Knowledg as well as want of Civility, and indeed the very Design of his Libel was so extremely wicked, to oppress some, and to divide us all, that without regard to him or those of his Kidney, I may venture to declare my self a Low Churchman at home, and an Occasional Conformist with the Protestants here abroad,

17. HAVING so well prepar'd you before for reading the following Dissertations, without any Rub or Obstacle in your way, I shall release you, and my self from any further Trouble at present, only assuring you that I long to see you (which I hope to do very shortly) as much as any Man in England, and that I am as much your humble Servant,

LETTER

LETTER I.

*The Origin and Force
of Prejudices.*

YOU greatly complain, MADAM, that you are still a Captive to several Prejudices; and I wonder more how you came to get rid of so many. You'll be easily comforted, and entertain a better Opinion of your self, when you seriously consider in what a miserable Condition all men are born, and how impossible it is for them not to be educated in Error; how difficult to get free from their Prepossessions in riper Age, and how dangerous to do it, when they become well-dispos'd by the Discovery of Truth.

B.

2. NOW,

Letter

I

2. NOW, since you are pleas'd to desire it, I shall briefly trace this Subject from the beginning, showing by what degrees our Prejudices grow, and what additional strength they incessantly receive in their course. We all partake but too much of the Inclinations of those that give us Life, and of the Passions that are predominant in the Blood of the Family: and if our Features and Actions were not infallible Arguments, that we are subject to receive good or bad Impressions in the Womb; yet the extraordinary Marks which we sometimes bear, occasion'd by the Longing of our Mothers, or by some other Accident (which they often remember) afford a sufficient Proof that the Foundation of our Prejudices is very strongly laid before we are born. The Temperament we receive in the first Formation, gives not only a Disposition to this or that particular Humor and Habit; but also a visible Bias to most Actions of our future Lives, which is not to be cur'd but by the utmost Efforts and Exercise of Reason.

3. WE no sooner see the Light, but the grand Cheat begins to delude us from

from every Quarter. The very Mid-^{I.} Letter wife hands us into the World with super-
stitious Ceremonys, and the good Wo-
men assisting at the Labor have a thou-
sand Spells to avert the Misfortune, or
to procure the Happiness of the Infant ;
making several ridiculous Observations,
to discover the Omen of his future State
of Life. Nor is the Priest in some pla-
ces behind-hand with these Gossips, to
initiate him betimes into his Service,
by pronouncing certain Forms of Words
as so many powerful Charms, and using
the gentle Symbols of Salt or Oil, or
the severer Applications of Iron or Fire,
or by marking him after some other
manner, as his own Right and Property
for the future. The Child, it's true, is
not yet affected by any of these or the
like Foolerys, whatever Virtue he may
be afterwards persuaded to allow them:
but this shows how early those about
him begin to infect him (if they cou'd)
with their own mistakes, and how in-
dustryously every one with whom he has
afterwards to do, endeavours to deprave
his Reason from the very beginning;
so that not rememb'ring when, or where,
or how she came by many of his No-
tions, he's tempted to believe that they
proceed from Nature it self, and is asto-
nish'd

Letter nish'd to find that any shou'd call the
 I. Truth of 'em in question ; as it will
 more evidently appear from the following
 Reflections.

4. WE are presently after our Birth
 deliver'd to Nurses, ignorant Women of
 the meanest Vulgar, who infuse into us
 their Errors with their Milk, frightening
 us into quiet with the menaces of
 Rawhead and Bloody-bones, Boggle-
 bows and Bullbeggars. And lest we
 shou'd be lost by wandring abroad, or
 drop into Wells or Rivers, they terrify
 us with storys of Spirits and Hobgob-
 lins, making us believe that all lonesome
 places are haunted, and that the invi-
 sible Powers are principally active and
 mischievous in the night-time. What is
 thus invented at the beginiong to keep
 Children under Government (a Go-
 vernment that indeed makes 'em mis-
 erable Slaves ever after) is believ'd by
 them in good earnest when they grow
 older, whereby the whole Generation
 and Country comes to be persuaded of
 it at last, and this to such a degree, that
 many People (otherwise prudent e-
 nough) dare not sleep alone in a Cham-
 ber, nor travel but by Day-light, much
 less have they the courage to enter
 into

into empty Houses or Churches. Letter I.

5. FROM our Nurses we are brought home, where we are still put into worse hands among idle and ignorant Servants, whose chiefest Entertainments are Discourses of Fairys, Elves, Witchcrafts, walking Ghosts, Fortune-telling, consulting Astrologers, or such other chimerical Doings; delighting to fright and delude one another, not seldom to carry on their private Intrigues: which things, however intended, never fail to make fatal impressions on the Children: and for the most part our Parents are not wiser.

6. THEN we are sent out to School, where all the Youth come equally infected from home, and hear of nothing there but Daemons, Nymphs, Genii, Satyrs, Fauns, Apparitions, Propheccys, Transformations, and other stupendous Miracles. We tell all our storys over again among our selves; and what may be conceal'd from a Child in a prudent Family, he's sure to hear of it at School, where so many Children are brought together, not to improve one another (which cannot be suppos'd of such Conversation) but to communicate their

Letters mutual Mistakes and vicious Habits, to grow the more idle, and to meet with bad Examples. We greedily devour the Poets, Orators, and Mythologists, committing great Extracts of their Fictions to our memory, being surpriz'd and gain'd by the Charms of their Stile, Numbers, and Composition, whereby it comes to pass that we swallow the Poison of their Errors with inexpressible Pleasure, and lay a large Foundation for future Credulity, insensibly acquiring a Disposition for hearing things rare and wonderful, to imagin we believe what we only dread or desire, to think when we are but puzzl'd that we are convinc'd, and to swallow what we cannot comprehend.

7. WE are made little wiser, tho much more vain and conceited in the Universitys, especially abroad; where the Professors (right or wrong) must accommodate all things to the Laws and the Religion of the Country: or, if they stealsometimes into the Liberty of Philosophizing, they generally run into Extremes, either making us trust too little or too much to our Senses, or amusing us with illusory Abstractions, and Subtiltys which refine the Subject.

out of our View, reducing it at last to mere nothing. The University is the most fertile Nursery of Prejudices, whereof the greatest is, that we think there to learn every thing, when in reality we are taught nothing; only we talk by Rote with mighty assurance the precarious Notions of our Systems, which if deny'd by another, we have not a word further to say out of our common Road, nor any Arguments left, to satisfy the Opposer or our selves. But our comfort is, that we know as much as our Masters, who affect to speak a barbarous Jargon which commonly has no Signification; and the main Art that fits their Disciples to take their Degrees, is to treat of very ordinary Matters in very extraordinary Terms. Yet this does not render them half so insupportable to People of Sense, as their formal Stiffness and Pedantry, their perpetual Itch of Dispute and Contradiction. I purposely forbear saying any thing of the Advantage commonly taken there from the Inexperience of the Youth (who must naturally rely on the Judgment of their Teachers) to ingage 'em betimes to different Partys and Factions, to Soursness, Censoriousness, and Bigotry: for, in one word, there

Letter is scarce any thing learnt at the Uni-
 versity, but what a man must forget, if
 he would be understood, or not, ap-
 pear ridiculous and troublesome, when
 he comes into other Company.

8. B U T as if all this were not enough to corrupt our Understandings, there are certain Persons hir'd and set apart in most Communitys of the World, not to undeceive, but to retain the rest of the People in their Mistakes. This will be counted a hard Saying, but it cannot concern the Orthodox Clergy; and of other Priests what can there be more certain, since 'tis for this very reason they are counted Heterodox? The strange things and amazing storys we have read or heard (if of any Concern to a particular Religion) are daily confirm'd to us by the Preacher from the Pulpit, where all he says is taken for Truth by the greatest part of the Auditory, no body having the liberty to contradict him, and he giving out his own Conceits for the very Oracles of God. Tho every Sect will deny this of its peculiar Doctrines (and that we know it, SERENA, to be false of the Reform'd Religion which we profess) yet the rest affirm it with undeniable

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niable

niable Arguments of one another; for it is impossible they shou'd be all or above one of 'em in the right, which is a Demonstration that the rest, being the bulk of Mankind, are retain'd in their Mistakes by their Priests. And nevertheless the very Doubts about the Joys of Heaven and the Torments of Hell, are enough to procure Authority for their infinite Contradictions: so strong are the Impressions of Hope and Fear, which yet are ever founded in Ignorance!

9. WHEN we come abroad into the World, we find all those Errors to be in so high a Credit, that every one is gaz'd on as a Monster, who is out of this universal Mode: or if by some lucky chance we shou'd happen to be undeceiv'd, yet the prevailing Power of Interest will make us hypocritically (or, if you please, prudently) to pretend the contrary, for fear of losing our Fortunes, Quiet, Reputation, or Lives. This confirms others in their Prejudices by our example, as much as if we were deceiv'd our selves; for knowing nothing of our Minds but by our outward Actions, which appear so like their own, they judg us to be of the

Letter'd the same Persuasion. Besides, that to maintain we are in the Right, while others are in the Wrong, will be interpreted such an Affront to all other People, as a Man wou'd not venture to be guilty of who knows Mankind, and is resolv'd to lead an easy Life far from the Noise, and Crowd, and Hurry of the World.

10. THOSE who are more in love with the Bustle of the Publick, or more under a Necessity to endure it, generally betake themselves to some Profession. This indispensably engages 'em to many Prejudices in favor of their particular Calling, which if all of 'em do not always believe, yet they find it their interest that others shou'd do so, to gain with them the greater Credity Reputation, and Authority. CA TO the Censor wonder'd, that when one Augur met another, they did not laugh at the Simplicity of those who believ'd their Divinations; and if they had done so among themselves (as we know from History they often did) yet they wou'd never the sooner expose the Craft of their Order to the People, who thought 'em the infallible News-mongers of Heaven, and who paid 'em so well for their



their Intelligence. Hence not only every Profession, but also every Rank of Men, have their particular Language, which is thought by others to contain very extraordinary Matters, much above the common Capacity or Comprehension. The Nobility, Country-Gentlemen, Jockys, and Beaus, have as well their several Cants (tho not so barbarous) as the Divines, the Lawyers, Physicians, and Philosophers. Except the few wise and cunning, all the rest are really persuaded that they are far greater Men than such as are ignorant of their Terms; and I have many times seen a Hunter as much despise the good Sense of those who did not understand his noisy Jargon, as an Astrologer very proud of illuminating the credulous Mob with that vile Stuff, which he did not so much as understand himself. In most Professions (especially in those they repute Mechanick) the Members are sworn not to discover the Mystery of their Trade, which very Notion of Mystery makes others imagin that there's something extraordinary in very trivial matters thus artfully disguiz'd; and your Mysterys of State (tho not to be pry'd into by vulgar Eyes, but to be admir'd with Veneration) are sometimes

Letter times as airy and imaginary, as slight and ridiculous as any others.

I.

11. **B**UT no sort of Prejudices stick closer to us, or are harder to be eradicated, than those of the Society wherein we live and had our Education. This holds equally true of their civil Customs and religious Rites, of their Notions and Practices. We cannot easily be brought to believe that our Ancestors were mostly in the wrong, much less that those with whom we daily converse have so little ground for many of their Actions: especially since we are as apt to love, or to admire the Opinions of Men as we do their Persons, and that we are bred in the same Persuasion as well as they. On the contrary likewise, we frequently hate the Opinion for the sake of the Person, and not less frequently the Person for the sake of his Opinion; commonly for no better reason, than that we were differently bred, and accustom'd to think that one who errs in his Notions cannot be right in his Practice. Thus the Body of the People in all Places of the World do greedily imbibe whatever they are taught to imitate or to respect from their Infancy, and without further Evidence

dence are ready to die for the Truth Letter of it in old Age; which is to become properly Martyrs to a Habit, but not to Religion or Truth, unless by mere Accident. Nay, Custom (which is not unfitly call'd a second Nature) has imprest such a Stamp on the very Language of the Society, that what is deliver'd in these or those Words, tho never so contradictory or abstruse, passes ordinarily for current Truth: but change your Terms, or use the Expressions of any other Party, and then if you speak Oracles, whatever you say is reputed false, or at best suspected. And indeed it cannot well be otherwise, since these Prejudices of all others must never be examin'd. You may reason your self (for example) into what Religion you please; but, pray, what Religion will permit you to reason your self out of it? I know some of 'em profess to allow a Liberty of examining, but their Proceedings not seldom show their want of Sincerity: for let any of their Doctrines be call'd in doubt or deny'd after such an Examination, and the Person that dos it will pass his time very ill. If he's not put to Death, sent into Banishment, depriv'd of his Employments, fin'd, or excommunicated; according

Letter according as his Church has more or less Power; yet the least he may expect, is to be abhor'd and shun'd by the other Members of the Society (a thing in all People's power) which every Man has not Fortitude enough to bear for the sake of the greatest Truths; and the very Dearness of Acquaintance has often retain'd Men of admirable Understanding, in the external Profession of the most absurd and ridiculous Errors.

12. ADD to all this our own Fears and Vanity; our Ignorance of Things past, the Uncertainty of the present Time, and our sollicitous Curiosity about what's to come; our Precipitation in judging, our Inconsiderateness in assenting, and want of due Suspension in examining: which makes us not only be carry'd away by vulgar Errors in our Practice, to be misled by our Senses as well as by our Appetites, and to take numberless Falsitys for demonstrated Truths in matters of Speculation; but likewise to be unjust to the Merit of others, to confound the Innocent with the Guilty, and generally to prefer the latter. And, as our Prejudices govern us, 'tis next to impossible we should ever truly discern who is the innocent.

innocent or guilty Person, who has got Letter
the better or the worse of any Cause; I.
since our first Question is not what a
Man has done or how, but who or
whence he is? being ready to approve
or condemn, to read over his Book or to
throw it away, according to the Faction
or Party he espouses. This surely is nei-
ther fair nor manly dealing : and I hope
no body will pretend that it is the way
to discover Truth; no more than to con-
tinue stedfast in the Profession of it;
since it's hard to conceive (for exam-
ple) by what means a Man can quit the
Alcoran if he must never read the
Bible; or if a Mahometan ought to read
the Bible, I see no reason a Christian
shou'd fear to read the Alcoran; which
is as true of all the Books in the World.
It were superfluous to speak any thing
more at large of such common Places
as our predominant Passions, the Con-
tagion of the consenting Multitude, or
the Authority of our most mighty Mas-
ter, the irresistible Tyrant Custom,
which equally rules over a Prince,
Priests, and People.

13. AFTER these Observations
we may perceive the perilous Condition
of every particular Man, and how im-
possible

Letter possible it appears for him to escape Infec-
tion, to obtain or to preserve his
Liberty; since all the other men of the
World are agreed in the same Con-
spiracy to deceive him. But tho a Per-
son exempt from Prejudices seems in
his outward Circumstances to have little
advantage over others; yet the culti-
vating of his Reason will be the chief
Study of his Life, when on the one
hand he considers that nothing can
equal his inward Quiet and Joy, seeing
almost all the rest of his kind ever grov-
eling in the dark, lost in inextricable
Mazes, agitated with innumerable
Doubts, tormented with perpetual Fears,
and not sure to find any End of their
Misery even in Death: while, on the
other hand, he himself is wholly se-
cur'd by a right use of his Under-
standing against all these vain Dreams
and terrible Phantoms, content with
what he already knows, and pleas'd
with new Discoverys, without think-
ing himself concern'd in things inscrut-
able; not led like a Beast by Au-
thority or Passion, but giving Law to
his own Actions as a free and rea-
sonable Man.

in X and I am sensible in my 110 Letter
14. I AM as sensible as any in I.
the World, SERENA, how little you
you need that I shou'd further inlarge
on this Subject, you having already so
much Knowldg and so few Prejudices,
reasoning so exactly, thinking so nicely,
and speaking so justly. Nor is it
for your Instruction (I confess) that I
have written now at your Desire, but
to show you how much we agree in our
Opinions; tho I am ready to acknowl-
ledg that you exceed most men as well
as my self in Quickness of Under-
standing, as you do all your own Sex by
your many excellent Qualitys. In the
matter of Prejudices, you see that at
least you are not in a worse state than
other Persons; or if your Circum-
stances are better (as I'm sure they are)
nevertheles you must be content with
the inward Pleasure and Satisfaction of
your own Mind, and not expect the
Applause of the Publick, which wou'd
rather expose you to Disgrace or Danger,
than do Justice to your incomparable
Virtues. But this ought not to hinder
your injoying the Happiness of free
Discourse with any Persons worthy of
this Honor, whom you shall find to
have as much Judgment and Dis-
cretion

Letter creation in reasoning, as I have Zeal
I. and Sincerity in professing my self,
W W W M A D A M, to be your most faithful
humble Servant!

On the 22nd of October 1793, the
Rev. Mr. John T. Thompson, of New
Hampshire, was admitted into the
Methodist Church, and was received
into the Society of Friends, on the 23rd
of the same month, by the Friends of
the Society of Friends, of New Haven,
Connecticut, and was received into
the Methodist Church, on the 24th of
the same month, by the Friends of
the Methodist Church, of New Haven,
Connecticut.

Category	Definition	Example
1. Geometric	Shapes and figures	Circle, square, triangle, rectangle, hexagon, etc.
2. Abstract	Concepts and ideas	Point, line, angle, area, volume, infinity, etc.
3. Organic	Living organisms	Plant, animal, human body, etc.
4. Inorganic	Non-living substances	Rock, mineral, water, air, fire, etc.
5. Human	Human figures and forms	Portrait, figure drawing, human form, etc.
6. Technical	Technical drawings and diagrams	Architectural plan, engineering drawing, technical diagram, etc.
7. Abstract	Abstract art	Non-representational art, minimalist art, abstract expressionism, etc.
8. Symbolic	Symbolic representations	Flag, coat of arms, heraldry, religious symbols, etc.
9. Figurative	Figurative art	Realistic representation of figures, narrative art, etc.
10. Abstract	Abstract expressionism	Art movement characterized by spontaneous, non-representational brushwork and color.

LETTER

LETTER II.

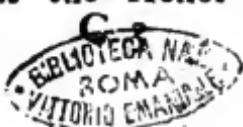
*The History of the Soul's
Immortality among the
Heathens.*

IF the best Religion ought to be distinguish'd by the Purity and Integrity of its Morals, as well as by the Truth and Usefulness of its Doctrins, I am not acquainted with any body more sincerely pious than you, M A D A M ; which is a Testimony that all those, who have the Happiness to be acquainted with you, will readily grant to your Virtue. You have no Doubts, I'm certain, about the Soul's Immortality, and Christianity affords the best, the clearest Demonstration for it, even the Revelation of God himself. But you have often admir'd, you say, how the Heathens came by

Letter the Discovery of this Truth, since
 II. they had no such Revelation from Hea-
 ven, and that what is so confidently said
 of their learning it from the antient
 Books of the Jews, may be as easily
 deny'd as affirm'd ; besides that it is
 altogether groundless, no such thing
 plainly appearing in these Books them-
 selves, tho it be manifest from the Pen-
 tateuch and the Series of other History,
 that many Nations had their several
 Religions and Governments long be-
 fore the Law was deliver'd to the
 Israelites. The same holds as true of
 the pretended Preaching of A B R A-
 H A M, and of the Tradition of the Sons
 of N O A H ; these being as destitute
 of any Evidence from matter of Fact,
 as in their Circumstances utterly im-
 probable. To have therefore the plea-
 sure, M A D A M, of doing a Thing
 which you signify will be very agreeable
 to you, I shall lay this Subject before
 you as it appears to my self, not from
 Conjectures and Suppositions, which
 give no body any real Conviction, how-
 ever they may silence or amuse ; but
 I shall argue from unbias'd Reasons,
 and the greatest Consent of antient
 Writers.

2. TO Persons less knowing and unprejudic'd than SERENA, it wou'd found strange perhaps to hear me speak of the Soul's Immortality, as of an Opinion, which, like some others in Philosophy, had a Beginning at a certain time, or from a certain Author who was the Inventor thereof, and which was favour'd or oppos'd as Peoples Persuasion, Interest, or Inclination led 'em. But so it was among the Heathens; whatever you may think of the matter; and I have sometimes consider'd with astonishment the weakness of those, who, contrary to their own Experience, seem'd afraid to acknowledg so much: as if the nature of the thing cou'd suffer any detriment from the Errors of others about it; or as if the Heathens had not entertain'd as extravagant Fancys about the very Being of God, and all the other Articles of our Religion, which no body takes to be any Argument against the Truth of them.

3. NOW tho the Egyptian Priests, the Chaldaean Magi, and the Indian Brachmans have disputed among themselves about the Honor of this Invention



Letters vention (no less than those of Harlem
 II. and Mentz about the beginning of
 Printing, and those of China and Eu-
 rope about the Origin of Artillery: as
 well as of Printing, and other Nations
 about other Arts or Opinions) yet it is
 expressly asserted by ARISTOTLE,
 and agreed by the generality of Writers
 as an uncontroverted Truth, that the
 most antient Greek Philosophers did not
 dream of any Principle or actuating
 Spirit in the Universe it self, no more
 than in any of the Parts thereof: but
 explain'd all the Phænomena of Nature
 by Matter and local Motion, Levity
 and Gravity, or the like; and rejected
 all that the Poets said of the Gods,
 Dæmons, Souls, Ghosts, Heaven, Hell,
 Visions, Prophecys, and Miracles, as
 Fables invented at pleasure, and Fictions
 to divert their Readers. After THA-
 LES, ANAXIMANDER, ANAXI-
 MENES, and others had thus taught
 the Universe to be infinite, and Matter
 to be eternal, tho the Forms thereof
 were changeable, comes ANAXA-
 GORAS (as it is unanimously own'd

* Τον οὐκετίον φιλοσοφεῖντα δι μάντειν ταῦτα
 ὑπερ εἰδέντες φύγειν αὐτοῖς οὐκέτιον εἶναι παρατηνεῖν. Metaph.
 I. i.

by almost all Authors Heathen or Letter Christian) and to this Matter adds another Principle, which he call'd the MIND, as the Mover and Disposer of the same: whereupon from so curious, so new, and strange an Invention he was surnam'd the MIND, some deriding and others admiring him for this Notion. We shall presently show how he came by this Discovery, tho most of those that preceded him made infinite Matter the Principle of all things. 'Tis true that THALES maintain'd Matter to be essentially Water, as ANAXIMENES affirm'd it to be Air; and that by various Rarefactions and Condensations all things were form'd out of these Elements, and resolv'd into them again: but the meaning of both is, that the Particles of Matter are extremely subtil and in perpetual motion like Air or

II.

¹ Aristot. Metaph. l. 2. Plato in Phadone. Cic. de Nat. Deor. l. 1. Diogen. Laert. in Anaxag. Plutarch. in Pericle, & in placit. Philos. l. 1. Tertul. de Anima. Clem. Alex. Stromat. l. 2. Euseb. de Prap. Evang. l. 14: August. de Civ. Dei, l. 8. Themist. Orat. 15. Etiam Proclus, Simplicius, cum multis aliis, tam Gentilibus quam Christianis.

² Diogen. Laert. in Anaxag. Suidas in Anaxagor. Plutarch. in Pericle.

Letter Water; from which Motion, and the
 II. Infinity of the Universe, the whole
 Tribe of Philosophers (as we said just
 now) accounted for all the Phænomena
 of Nature, till ANAXAGORAS ad-
 ded the moving and ordering Mind.

4. ONE wou'd think that a Person,
 who deserv'd so well of the Greeks,
 shou'd have met with suitable Rewards
 and Applause; but whether it be that
 the other Philosophers envy'd him, or
 that they wish'd there was no Spirit,
 or that he did not sufficiently answer
 their Objections; or whatever were the
 reason, 'tis certain that he was unfor-
 tunate in his Réputation at that time
 and ever since, having bin very ill us'd
 by all Partys, for no cause that I can
 see, but that he did not fully come up
 to any of them. Some assert that he
 did not understand the corpuscular Phi-
 losophy, and that he espous'd the Opin-
 ion of the Separate Mind (for he was
 not the Author of it) to save him-
 self the labor of understanding Me-
 chanicks, &c. making long Deductions
 and accurate Observations, or prying
 into the Nature of Things. And as a
 Confirmation of this, they tell you
 that in other Matters his Imagination
 was

was very gross, witness his ¹ teaching Letter that the Sun was little bigger than the II. Peninsul of Peloponnesus ; that the ~~Earth~~² was flat, and not round ; that the Firmament was made of Stones, which were kept from falling by their swift Rotation ; that in Generation the Males came from the Mother's right Side, and the Females from her left ; that Snow was black ; and that the Particles of all things, as of Blood, or Bones, or Gold, or Milk, were already form'd and existent from Eternity, but that they constituted Blood, or Gold, Black or Green, as it happen'd that a sufficient Number of them were brought together into one Body, so as greatly to surpass the Particles of any other sort, which Opinion the Greeks express by the Word *Homœomeria*. They further ³ laught at him for leaving his Grounds to the discréction of his Sheep, that he might be the more at leisire for the Study of Astronomy, in which his System of the Sun and the Stones of the Firmament shows he was a wonder-

¹ Vide Diog. Laert. in Anaxagora, & ad eum Annotatores.

² Diogen. Laert. in Anaxagora, &c.

Letter ful Proficient ; they blam'd him for neglecting what was necessary and profitable in Life, and giving himself up to speculative, abstruse, and remote Considerations, which are wholly useless and uncertain ; and said that he deservedly wanted Bread in his old Age, having bin in danger of starving without the assistance of his Scholar PERICLES. Those who believ'd a divine intelligent Being, counted him a mongrel Philosopher between themselves and those of the Ionick Sect, and were angry with him for not employing his ordering Mind on every occasion ; for, as often as he cou'd without it, he explain'd all the Phænomena of Nature by the Action and Reaction of Bodys on one another. PLATO (in his *Phædo*) introduces Socrates charging him with this very matter, and showing no small contempt for his Books. For the same reason he was not counted Orthodox by some Fathers of the Christian Church, notwithstanding his adding Spirit to Matter ; and IRENÆUS (in his second Book against Heresys) does not only call him irreligious, but

also in precise terms an Atheist, and says that he was so stil'd by others. Letter II.

CLEMENS ALEXANDRINUS bears very hard upon him with Puns, which I shall here render word for word.

ANAXAGORAS, says he, was the first who added Mind to things : but he did not preserve the Dignity of the efficient Cause, describing certain mindless Vortexes, together with a Mindlessness and Inaction of the Mind. And ARISTOTLE compares him to a Poet that brings off his Hero with a Miracle, when no natural Cause can save him : for he affirms that ANAXAGORAS makes use of the Mind as of a Machine in the Formation of the World ; and produces it only, when he doubts by what Cause it necessarily exists : but in other matters, he assigns any other Cause of the things which are made rather than the Mind. However, there wanted not those among the Antients and Moderns who entertain'd a more favorable

³ Επι καὶ Αράχαιος πρώτος επέσθε τῷ Νῷ τοις περιγύμναις ; αλλ' αὐτὸς εἶπεν τὸν αἰγαῖον τὸν ποιητικὸν, Δίκε τινας αρνεῖταις αὐτὸν εργάζεσθαι, σὺν τῷ τε Νῷ περιεῖται τε καὶ εργάζεσθαι. Stromat. I. 2.

⁴ Αράχαιος τε λογίς μηχανὴ χειρας τῷ Νῷ περι την ποιητικην ; καὶ οὐτε αὐτοριστὴ τὸν αἴστον τὸν αράχαιον εστι, τοτε ελλιμενιστὴ : εἰ δὲ τοις ἄλλοις, πατέρεσσιν μηλλεῖν αἰλιατας τῶν ἀκομεγάνων ηγετε. Metaph. I. 1.

(ii.)

Opinion

Letter Opinion of him, and the great Dr. II. BURNET (in his 'Archæology') says that his Surname of the Mind is far more honorable than those of Africanus and Asiaticus : nor did ANAXAGORAS fail of setting a just Value on his own Worth ; for after his Exile (whether for Atheism in ungodding the Planets, or for Treason in conspiring with PERICLES) when some body told him that he was depriv'd of the Athenians, he immediately answer'd, *I not they of them, but they of me.*

5. PHERECYDES of the Island Syrus, as we are inform'd by CICERO and others, was the first among the Greek Philosophers that committed the Immortality of human Souls to writing ; for tho' THALES is said to have bin of the same Opinion, yet he publish'd nothing ; and MAXIMUS TYRIUS

¹ L. I. c. 10.

² Diogenes Laertius in Anaxagora ; ε μεν, αλλα ελαύνει εγασ.

³ Credo equidem etiam alios ; sed (quod Literis extet) Pherecydes Syrius primum dixit Animos Hominum esse sempiternos. Hanc Opinionem Discipulus ejus Pythagoras maxime confirmavit. Tusc. Quest. I. I.

⁴ Ενιοτε και αυτοι πρεσβυτεροι οιδητοι οι πρεσβυτεροι των Ιουδαιων, οι οικισται οι πρεσβυτεροι. Diogen. Laert. in Thalete.

(in
marg.)

(in

(in his twenty eighth Dissertation) affirms with CICERO that PYTHAGORAS the Samian, the Disciple of PHERECYDES, was the first among the Greeks who durst openly maintain that the Body only dy'd, but that the Soul was immortal, neither subject to Age nor Corruption, and that it existed before it came hither. You see, it was so great an Innovation, that he was reckon'd a bold Man, who had Courage enough to vent it. Afterwards PLATO and the rest greedily imbrac'd this Doctrine; and we know how widely the Grecians cou'd spread it by their numberless Colonys in Asia, in Italy, in Sicily, in Gaule, and other Parts of the World, as well as by their Poets, Orators, Historians, and Philosophers, whose Works were so much admir'd by other Nations for their Sublity, Politeness, and Learning.

6. BUT the next Question is, whence ANAXAGORAS and his Followers (who pretended to no divine Revelations) borrow'd this Invention.

故曰：「人情有所不能忍者，匹夫见辱，挺身而斗，此不足為勇也。天下有大勇者，卒然臨之而不惊，無故加之而不怒。此其所挾持甚大，其志甚远也。」

• 8 1/2" x 11" 20 lb. paper • 100 sheets

8. Πιστευόμενος δέ ὁ Σάμως πρεσβύτερος εν τοις Ἑλλησιν
εἰρημένοις εἶπεν, οὐδὲν το μὲν σώμα τρέψεσθαι, οὐ
δὲ τούτῳ εὐαγγελίῳ οὐκοῦντις αδείγματα καὶ αργύρων, καὶ
ταῦτα σύντονα πεινάπειν δίνει.

卷之三

Ic

Letter II. It is evident from antient Monuments that he and the other Philosophers of his side, with the Poets and Mythologists, learnt it partly from the Magi, when the Persians transported their Arms into Greece, and partly from the Priests of Egypt when they travell'd for Knowledge into that Country. THALES had his Philosophy of the Egyptian Priests. PLATO was in Egypt a long time, he has a great many of the Egyptian Doctrines in his Works, and is acknowledg'd by all to have learnt of them and of their Disciple PYTHAGORAS as well as of the Persian Magi, whatever he has deliver'd about the Immortality of the Soul, the different Mansions of the Just and Unjust in a future State, the Expiations of Crimes, the Lakes and Rivers, the Meadows, Caves, and Monsters of

Diogen. Laert. in Thalete. Clem. Alexand. Strom. I. 1. Euseb. de Præpar. Evangel. I. 10. Joseph. I. 1. contra Ap.

Diod. Sic. I. 1. Cicero I. 5. de Finibus. Lib. de Senectute. Tusc. Quaest. I. 1. Aristot. Metaph. I. 1. Diog. Laert. in Platone. Quintilian. lib. 1. Clem. Alexandrin. in Admonit. ad Gent. Valer. Max. I. 8. Philostrat. vit. Appollon. lib. 1. Hieronymus lib. 2. Ep. 1. ad Paulinam. Lactant. lib. 4. cum multis aliis.

Hell,

Hell. ¹¹ PYTHAGORAS, one of the Letter greatest Travellers in the World, con- vers'd with the Chaldean Magi, ¹² the Indian Gymnosophists, and particularly with the Egyptian Priests and Prophets, suffering himself to be circumcis'd that he might be admitted to hear the secret Doctrins of the latter, which they wou'd not communicate to him without this Condition. I will not here insist on the Poets, as ORPHEUS, HOMER, or any other of the most antient, who yet are all confess'd to have borrow'd their Fictions from the Egyptians, as may be seen in the first Book of DIODORUS. SICULUS. ¹³ ANAXAGORAS was first taught by the Magi, having bin twenty years of Age at the Expedition of XERXES, and (as DIONYSIUS PHALERIUS relates), he began to philosophize in Athens at those Years. He was a Hearer of ANAXIMENES, and (as THEODORET and AMMIANUS) MAR-

¹¹ Herodot. in Thalia. Died. Sic. l. 1. in Cicero de Finibus l. 5. Plin. Hist. Nat. l. 36. etiam lib. 25. Diogen. Laert. in Pythag. Isocrat. in laude Pusiridis, & alii passim.

¹² Clem. Alex. Theodoret. in Serm. contra Gracos.

¹³ Diog. Laert. in Anaxagora.

Letter CEBELINUS inform us) had travel'd
 II. likewise into Egypt; so that we
 plainly perceive whence he had his No-
 tion of the ordering Mind. The Greeks
 learnt several things of the Magi in
 those Days, which afterwards inspir'd
 others with the Desire of going into
 those Parts for perfecting their Knows-
 ledg.

7. BUT the great Doubt still re-
 mains, who were the first Inventors of
 the Doctrin of Spirits among the Hea-
 thens, the Egyptian Priests, the Chal-
 dæan Magi, or the Indian Bramins.
 PAUSANIAS is very positive in fa-
 vour of the two last: "For, says he,
 I know the Chaldean and Indian Magi
 to be the first who affirm'd that the Soul
 of Man was immortal; and of this they
 persuaded as well other Greeks, as es-
 pecially PLATO the Son of ARISTON.
 A few more Greeks besides PAUSANIAS
 (and from their Authority some

* Theodoret. de Græc. Affect: Serm. 2. Theodor. Meliteniot. Proæm. in Astronomiam. Athm. Marcell. l. 22.

* Εγενετο οι Χαλδαιοι και Ινδοι της Μαγιας πρωτοι επινοεισ, οις αδινατος εστιν ανθρωπος φυχης και εριος και Ελληνων αλλοι τε επειδηπου, και ουχ ιππεις Πλαστοι οι Αιγισχων. Messeniac.

of the Roman Writers) believ'd the Letter Chaldaens to have bin at least the Inventors of Astrology, if not of the Soul's Immortality. But we might produce an Army of Witnesses, if the things did not speak themselves, to prove that the Chaldaens (to whom the Bramins ¹ were Disciples) had all their Learning and Religion, and consequently the Immortality of the Soul, no less than Astrology, from the Egyptians. We cou'd show that MACROBIUS ² did not exaggerate, when he call'd Egypt the Mother of the Sciences, and its Inhabitants the Parents of all the Arts in Philosophy, the first of all Men that dar'd to search and measure the Heavens, and the only Persons skill'd in all Divine things; that is to say, the best Divines then in the World. But such a Disquisition not being absolutely ne-

¹ Κλεαρχος δι ο Σολευς, ει τη πει παιδεια, και της Γυμνοσοριστας απογορει ειναι των Μαγην φοιν. Diog. Laert. in Proæmio Histor. Philosophorum.

² Dies quidem hic intercalaris, antequam quintus Annus incipiat inferendus, cum Ægypti matris Atrium ratione consentit. *Saturnal.* lib. 1. c. 15. Plato Ægyptios omnium Philosophizæ Disciplinarum Parentes fecutus est. *Somn. Scip.* l. 1. c. 19. Quos constat primos omnium Cœlum scrutari & metiri ausos. *Ibid. c. 21.* Imitatus Ægyptios solos divinarum rerum omnium consciens. *Saturnal.* l. 1. c. 14.

8. THOSE who attributed the Invention of Religion to the Chaldaens, had no reason but their becoming so famous for Astrology (which they first taught the Greeks) and the mighty Noise which they made every where about Spirits and Dæmons, their Hierarchy of Angels, the final Conflagration of the World, and several other Notions like to these. But this Assertion is easily overthrown by more antient and numerous Authoritys. HERODOTUS, the Father of History, says that *the Egyptians were the first of Men who instituted Assemblys, Shows, and Pilgrimages in honour of the Gods, and that from them the Greeks have learnt it; of which he alledges for a Proof, that these Things were practis'd from remote Times by the Egyptians, whereas but very lately by the Greeks.* 'Tis confess by all that

*Παντυνειας δε αρχη και πορτας και περσαρχης
πρωτοι ανθρωποι Αιγυπτιοι εισι οι ποιναρχειοι; και
περι τελων οι Ερλινες μεμαθηκασι. Τεχνησιον δε
μοι τηλι τοισι. Αι μεν τας φαινοντας εκ πολλης η
χεροι ποιευμεναι, αι δε Ερλινηκας γενετη εποιεινσισι.*
L. 2.

the

the Athenians had a great part of their Letter Worship from their King CECROPS II. an Egyptian; they had many Customs from DANAUS and his Daughters of the same Country, and the Eleusinian and Samothracian Mysterys were only Copys from those of ISIS and OSIRIS. As to Astrology particularly, HERODOTUS maintains, 'That the Egyptians first invented what Month and Day shou'd belong to each God, and on whatever Day any Person was to be born, what was to be his Lot, what Death he shou'd die, and how he shou'd live; and that these things were made use of by such Greeks as were addicted to Poetry. To the same purpose DION CASSIUS says, 'That the Disposition of the Days according to the seven Planets was the Invention of the Egyptians, tho' not communicated to all other People but very lately; and that it was utterly unknown to

¹ Καὶ ταῦτα ἀλλα Αἰγυπτίωντος εἰς ἐξευρήμενα: μηδέ τοι καὶ ἡμεῖς διαβατὸς θεοὺς ὅτεν εἴη; καὶ τὸ εκατὸν ἡμερῶν ὅτενοις εγκυρωτεῖς, καὶ ὅκως τελετῆς, καὶ ὅποις τίς εἴησι. Καὶ τούτοις τῶν Ἑλλήνων οἱ εὐ-
τοιχοὶ γερμανοὶ εχρησταῖσι. Lib. 2.

² Τοῦ δὲ οὐρανοῦ τοῦ εἰσερχούσου τοῦ ἀπόλετοῦ τοῦ πλανηταῖς αὐτο-
μαντικούς ταῦτα πήμασες ανακαλεῖται, ταῦτα μεν ὑπὸ Αἰγυπτίων, ταῦτα δέ κας εἰς πεντακόσια περιστροτεῖς καὶ πεντακόσια πόλεις,
οἱ λογοτεροὶ εἰσερχονται, αρχαιοτεροι. Οἱ γαρ εὐχαῖσις Ἑλλήνες
εἰσερχονται, οἵσα γαρ εἰσερχονται ποταμοῖσι. Lib. 37.

Letter the old Grecians. HERODOTUS again
 II. acquaints us with what the Egyptians
 affirm'd from their own most antient
 Records, ' That they had first in use the
 Surnames of the twelve greater Gods, and
 that the Greeks borrow'd these things of
 them : that they were likewise the first who
 appointed Altars, and Statues, and Shrines
 for the Gods, and to carve Animals in
 Stone. This is further confirm'd by
 LUCIAN, whose Words are these :
 ' The Egyptians are said to be the first of
 Men who had the Knowldg of the Gods,
 who built Temples, and instituted Shrines
 and Assemblys. They were likewise the
 first who understood the sacred Names or
 Words, and the first that taught the sa-
 cred Discourses or Language. But not
 long after the Assyrians learnt the Doc-
 trin of the Gods from the Egyptians ; they

Διαδεξεν δειρε επωνυμιας ελεγον πρωτεις Αιγυ-
 πτιον νομοσι, και Ελληνας παρε σφαιν αναλαβειν : βαρικε-
 τε καρχαλματα και τινες θεοις απονεμισι σφαις πρω-
 τεις, και ζωαιν λιθοις εγγιλθαι. Lib. 2.

πρωτεις μερε ανθρωποι. Αιγυπτιοι λεγονται δειρε
 τε επωνιν λαδει, και ιρε εισαδαι, και τεμενεια, και
 πανηγυρεις αποδεχαι. Πρωτοι δε και ονοματα, ιρε
 εγγισται, και λογις ιρε ελεξαν. Μελα δε κι πολλοις
 γένονται αιγυπτιων λογον Αιγυπτιοι εις δειρης,
 και ιρε και τινες μυσταρ, εν τοισι και αγαλματα εδειρο,
 και ξοανα επονεισι : το δε παλαιον και πατι αιγυπτιοι
 αξονοι ποιησαι. De Dea Syria.

* 11. 1.

also

also built Temples and Shrines, and in Letter these they plac'd Images and erected Statues: yet of old the Temples of the Egyptians were without any Statues. Here are decisive Passages against the Assyrians and the Greeks. But let's hear DIODORUS SICULUS of the Magi in particular. *The Egyptians*, says he, affirm that many Colonys were spread over the World out of their Country. For BELUS, who is reckon'd the Son of NEPTUNE and LIBYA, led a Colony into the Land of Babylon; and having fixt his Seat near the River Euphrates, he did after the manner of the Egyptians institute Priests, exempting them from publick and expensive Offices; and by the Babylonians they are stil'd Chaldeans, who observe the Stars after the Example of the Priests, and natural Philosophers, and Astrologers of Egypt. This is back'd

¹ Οἱ δὲ εἰς Αἴγυπτον φασὶ καὶ μέτα τεύλα αποικίας πλεῖστας εἰς Αἴγυπτον κατὰ παγανιστικαριναὶ την οἰκουμένην: εἰς Βαβυλῶνα μὲν γαρ αἴγυπτον αποικίας Βιλού τον νομού ομενον Ποσειδώνος είναι καὶ Λίβυς: δύ παρα τον Ευφράτην πόλαιον καζιδύρωντεύλα, οἵ δὲ ισηνις καζιδυταδει παραπλησιώς οἵ κατ' Αἴγυπτον αἰδενες, καὶ πασις λειτεργίας απολελυμένες, εἰς Βαβυλῶνοι καλαντοι Καλδαιες: τας τε παραπλησιώς των αεγγεων τεύλας ποιησαν, μηδεμενα τες παρ' Αἴγυπτοις ισεσι, καὶ φυσικος, επι δὲ Αισχολογεις. Lib. 1.

Letter by PAUSANIAS, who says, That
 II. BELUS the Babylonian had his Name
 from BELUS an Egyptian the Son of
 LIBYA. And DIODORUS repeats
 once again, That the Egyptians said the
 Chaldeans of Babylon were descended from
 them, and that they learnt from the Egyp-
 tian Priests that Astrology which gave
 them so much Reputation. To tire you
 with no more Proofs, the Egyptians
 had many opportunitys to spread their
 Doctrins in Asia as well as in Africa
 (especially before the Assyrian Monar-
 chy) by the prodigious Conquests of
 SESOSTRIS and his Successors even
 into India, much further than ALEX-
 ANDER the Great cou'd penetrate many
 Ages afterwards. SESOSTRIS was
 likewise in Thracia, and some other
 Parts of Europe. NECEPSOS, an-
 other Egyptian King, is related to have
 taught many mysterious Rites to the
 Magi, the Sciences not being then un-

¹ Ο εν Βασιλειᾳ Βιλος απο αυθεξι Αιγυπτιος Βιλος
 τε Λιβυος ονομα εχει. Messeniac.

² Φασι δε τις εν Βασιλειᾳ Χαλδαιος αποικιας Αιγυ-
 πτων οιλας, την Δοξαν εχειν την πει τις Αιγυπτοζης
 οπα των Ιερων μαθητας των Αιγυπτων. Lib. 1.

³ Quique Magos docuit Mysteria vana Necepsos.

Auson. Epist. 19.

worthy

worthy of Princes ; for 'PORPHY- Letter
RY tells us, That the Race of the Magi II.
was so potent and honorable among the ~~~~~
Persians, that DARIUS the Son of
HYSTASPES caus'd to be inscrib'd
among other things, on his own Monument,
that he was Master to the Magi. I know
the Jews and a world of Christians
pretend that the Egyptians had all their
Learning from ABRAHAM, a Chal-
dean by Nation, tho not by Profession,
a Stranger who liv'd there only two
years, and who probably spoke a dif-
ferent Language. The Pentateuch
makes no mention of his Learning ;
or if he understood Astronomy or any
other Science, why did he not take the
same pains to instruct his own Nation
as he did the Egyptians ? for the Jews
were of all Eastern People the most
illiterate ; whereas it is recorded in the
Acts of the Apostles for the Honor of C.7. v. 22.
MOSES, not that he follow'd the
Doctrins of ABRAHAM, but that he
was educated and had excell'd in all
the Learning of the Egyptians. The

¹ Οὐα δὲ μετα καὶ σύζεσμον γάνος τῷ πατέρᾳ
Περσῶν περιπλεστα, ὡς καὶ Δαρεῖον τὸν Τσαρτσί²
επηγράψαι τῷ μυκητῷ, περὶ τοῖς αἰλοΐς, ὃν καὶ Μί-
χικον γάνον Διδασκαλος. De Abstin. Animal. I. 4.

D 4 Pentateuch

Letter Pentateuch it self makes mention of
 II. their Religion and Sciences long before
 the Law was deliver'd to MOSES,
 which is an indisputable Testimony of
 their Antiquity before any Nation in
 the World.

9. HAVING thus done Justice to the Egyptians, and proving them to have bin the Fountains of Learning to all the East, the Authors of the Chaldaean and Greek Religions; I come now, SERENA, to show that they were the first among the Heathens, who particularly asserted the Immortality of the Soul, with all that depends on it, as Heaven, Hell, and the intermediate Spaces, Specters, Visions, Sorcery, Necromancy, and all kinds of Divination. HERODOTUS, who liv'd long in their Country, who convers'd familiarly with their Priests, who carefully distinguishes what he saw, and ask'd, and examin'd, from Hearsay and Report, and who had opportunitys to search into their Antiquity and Opinions the best

³ Μεχει μετ την ορθη δε έκεινοι, και γνωριμη, και ισδειν την ηλικια λεγοντο εστι: τοδε απο των, Αιγυπτιων ερχομενων λεγοντο εργανη κειται πηκον, περισσων δε Τοις και αυτοις πειται της εγκινης οφεις. L. 2.

of any body, is very clear and positive. Letter 'The Egyptians, says he, were the first who maintain'd this Opinion, that THE SOUL OF MAN IS IMMORTAL; that the Body being dead, it removes into some other Animal that is born; and that when it has taken its Circuit thro all terrestrial, marine, and volatile Bodys, it enters again into the Body of some Man that is born. Now this Course is perform'd in the space of three thousand Tears. Certain Greeks have made use of this Doctrin, as if it were of their own Invention, some sooner and others later; whose Names, tho known to me, I purposely forbear to write. DIODORUS SICULUS acquaints us who ² they were: and here, to name no other, we see whence PYTHAGORAS had his Transmigration, of which I shall have

² Πρῶτοι δέ καὶ τούτῳ τοις λογοῖς Αἰγυπτίος εἰσι οἱ πολῖτες, ὡς αὐθεντικὸν κύριον αδικαῖον εστί; Τι σφραγίς δέ καὶ παραδίδειντος, εἰς ἄλλο ζῷον αἰτεῖ γενομένου τούτου; επειδὴ πεισλόντες τὰ ζερσαῖα, καὶ τὰ θαλασσῖα, καὶ τὰ πετεῖνα, αὐτὸς εἰς αὐθεντικὸν σφράγιον γενομένον ἰστινχτός. Την περιειλασίην δέ αὐτὸν γινεῖται εν τεισχλοῖσι εἴτε. Τέλος ίτο λογιώς εἰσι οἱ Ἑλληνικοὶ εὐχρηστοί, οἱ μὲν πρώτεοι, οἱ δὲ ὑπερεργοί, ὡς εἰδιώς εἰσιν τούτοις ποιεῖσθαι τὰ κνομαῖα καὶ γέραφα. L. 2.

* Orpheus, Musæus, Melampus, Daedalus, Homerius, Lycurgus, Solon, Plato, Pythagoras, Eudoxus, Democritus, Ænopus. I. 1. Alii alios nominant.

Letter occasion to make some mention before I
 II. have done. Thus it was with other
 ~~~~~ Doctrins. Yet, as I hinted before, be-  
 cause the Greeks learnt most of their  
 Astronomy and Astrology from the Ma-  
 gi, they imagin'd them to have invent-  
 ed those Sciences : for by reason of their  
 Colonys in Asia and in the Ionian  
 Islands, they were acquainted with the  
 Magi, much sooner than with the Egyp-  
 tian Prophets, having little knowldg of  
 the latter, till Egypt was conquer'd by  
 the Persians, and till the time of ALEX-  
 ANDER the Great ; travelling after-  
 wards very frequently thither, and in  
 great numbers.

10. THE Getes learnt the Immor-  
 tality of the Soul from their Country-  
 man ZAMOLXIS, who was Servant  
 and Disciple to PYTHAGORAS, and  
 who so wrought by his Address on  
 those Scythian Nations, that they not  
 only receiv'd Laws from him, and the  
 Doctrin of a future State ; but so  
 great was their Respect towards him

---

\* Herodot. l. 4. Strabo l. 16. Mnaseas & Hella-  
 nicus in Ecymologico magno. Porphyr. in vita Pythag.  
 Diog. Laert. in Pythagora.

for these Benefits, that after his Death they worship'd him as a God. This Opinion of changing the present Life for a better, made them so fearless in Battel, and so ready to expose themselves to the greatest Dangers, being continually fir'd to a noble Emulation by their Poets, who (like the Gallick Bards) eterniz'd the Memory of those magnanimous Worthys that lost their Lives in War. The Druids of Gaule (of whom were issu'd those in Britain) who were of the same Persuasion with the Getes, and who taught the Transmigration of Souls, borrow'd their Letters from the Greeks, and probably their Philosophy, as **Julius Cæsar** in <sup>3</sup> express words informs us. This might easily be done by means of the most antient Greek Colony of Mar-seilles, famous for Arts and Learning. They might have a Communication with those of the Grecian Country and Religion behind them in Italy. And from their Neighbors the Germans

<sup>1</sup> Pompon. Mela I. 2. c. 2. cum aliis pæne innumeris.

<sup>2</sup> Cæsar de Bello Gal. I. 6. Pompon. Mela I. 3. c. 2.

Amm. Marcel. I. 15. Plinius aliique.

<sup>3</sup> Cum in reliquis fere Rebus, publicis privatisque Rationibus, Græcis Litteris utantur. Lib. 6. de Bello Gallico.

(who

Letter (who are often comprehended under the  
 II. the name of Celts as well as themselves)  
 ~~~ they might likewise receive the Doc-  
 trin. of ZAMOLXIS. But however
 this cou'd happen, LUCAN in the
 first Book of his *Pharsalia*, sings of all
 those Nations in this manner.

The numerous Peoples of the frozen
 North
 Are truly happy in their fond Mistake,
 Not fearing Death that dreadfuleft of
 Fears.
 Hence their rough Minds are always
 bent on Arms,
 Hence their stout Heroes smiling meet
 their Death,
 And hence they think it Cowardise to
 spare
 A Life, that's certain to return
 again.

II. BUT tho I have trac'd this
 Opinion to its Source, yet your Question,
 MADAM, is still unresolv'd, till I

Certe populi, quos despicit Arctos,
 Felices errore suo, quos, ille Timoram
 Maximus, haud urget Lethi metus. Inde ruendi
 In Ferrum mens prona viris, Animaque capaces
 Mortis, & ignavum reddituræ parcere vitæ.

explain

explain how the Egyptians themselves Letter
cou'd frame such a Notion without Di-
vine Revelation. To this I answer,
that their Funeral Rites, and their
historical Method of preserving the
Memory of deserving Persons, seem in
all probability to have bin the occasional
Causes of this Belief. Their way of
burying, you know, was by embalming
the dead Bodys, which they deposited
in subterranean Grots, where they
continu'd intire for thousands of Years;
so that before any Notion of separate
or immortal Souls, the common Lan-
guage was, that such a one was under
ground, that he was carry'd over the
River Acherusia by **CHARON** (the
Title of the publick Ferryman for this
purpose) and laid happily to rest in the
Elysian Fields, which were the common
Burial-place near Memphis. Among
other Methods they had of perpetuating
Events, the surest of all was to impose
the Names of memorable Persons and
Things on the Constellations, as the
only eternal Monuments, not subject to
the Violence of Men or Brutes, nor to
the Injury of Time or Weather. This
Custom was deriv'd from them to other
Nations, who chang'd indeed the
Names, but gave new ones to the Stars
for

Letter for the same end. Thus **I**sis, **O**si-
II. **R**is, **A**nubis, **T**hovth, and the
 like, were at first pointed to above, and
 their Historys explain'd: **S**uphis, and
Sethos, and **P**hanes, and **M**o-
Ses were said to be under ground.
 But the unconsidering Vulgar hearing
 the Learned constantly talk of certain
 Persons in the Stars, believ'd 'em at last
 to be really there, and that all the others
 were under ground; because, as **C**i-
Cero says, '*The Bodys of the Dead
 falling on the Ground, and being cover'd
 with Earth, they thought that they led the
 rest of their Lives below*: from which
 Persuasion he observes many Errors to
 have proceeded, especially the Fables
 and Terrors of Hell.

12. **A**BOU T the Life of those in
 the Stars I shall speak more largely an-
 other time, when I have leisure to write
 the Discourse I promis'd you about *the
 Origin of Idolatry*. But at present I
 shall proceed with those Funeral Rites,
 which were the occasion of so many

¹ *In Terram cadentibus Corporibus, hisce humo-
 rebus, sub Terra censebant reliquam vitam agi Mor-
 tuorum. Tusc. Quaest. l. 1.*

Opinions relating to a future State Letter in Egypt, in other Parts of Africa, over all Asia, in many places of Europe, and particularly in Greece. **Diodorus Siculus**, in the first Book of his unvaluable *Library*, very largely relates the Funeral Rites of the Egyptians, especially their manner of embalming Bodys to such Perfection, that after many Ages the same Likeness and Lineaments continue: after which he proceeds in these words. " *The Relations of the Body that is to be bury'd, acquaint before-hand the Judges, and the Kindred as well as the Friends of the dead Person with the Day of his Burial: and after telling his Name, they certify that he is at that time to pass over the Lake. After this there assemble above forty Judges, and sitting in a certain Semi-circle, prepar'd on the side of the Lake, the Boat, which is provided in the mean while* "

* Τι δε μελλοντος θεττεως συμβολος οι συγγενεις προσλεγονται ημεραι της ταφης τοις δε Δικαιοις και τοις συγγενεις επ δικαιοις τη τετταευπικολος; και διαβασανται, λεγονται επ διαβασεν μελλει τη λιμνη ανθρωπα τη τετταευπικολος. Επειδη φρεγγυομεναι δικαιοις προσωπων των τετταευπικων, και κατεκαινιζον επ πνος ημικυκλοι, καλεσκαλασμεναι προειδη της λιμνης; η μερ βασις κατεκαινιζεται γλεσκενασμενη περιεγρη υπο την ταυτην

Letter while by those to whom that Care belongs,
 II. is brought thither by the Ferryman,
 whom the Egyptians in their Language call **CHARON**. Wherefore they
 say that **ORPHEUS**, having seen this
 Custom when he had formerly travel'd
 into Egypt, compos'd his Fable about Hell,
 partly imitating these things, and partly
 inventing out of his own Head. Then
DIODORUS goes on to tell that every
 body may accuse or defend the dead Per-
 son, who, if he be prov'd to have led a
 bad Life, is deny'd the usual sort of
 Burial. From this Prohibition of Bu-
 rial in Egypt, which was afflicting to
 the Living and scandalous to the Dead,
 the Greeks (and from them the Ro-
 mans) had their Notion that the Souls
 of the unbury'd were disquieted, and
 cou'd not pass over the River into the
 Elysian Fields, turning a noble Practice
 into a sensless Fable. Hence you may
 likewise perceive how they came by the
 Notion of infernal Judges, which Office

ταῦτα ἔχοντα τὰ επιμελεῖα ; ερεθίζει δὲ ταῦτα
 πρεσβεῖς, οἱ Αιγυπτίοις κατὰ τὴν ιδίαν Διατεκτόνων εργα-
 λεῖς Χαρονε. Διο καὶ φασι Οὐρφεις τὸ παλαιὸν εἰς
 Αιγυπτίον παρθεναγόντες καὶ Σιαστημένους τόπον τονιζον,
 μαρτυροῦσι τὰ καθ' ἄρτα ; τὰ μὲν μηματίζουσιν, τὰ
 δὲ πολὺτερα πλασταίζουσιν.

they

they bestow'd on MINOS, AEACUS, Letter and RHADAMANTHUS, the most just Princes among the Greeks. But not to digress, if any false Accuser appear'd, he was severely punish'd; and if none accus'd the dead, then he was put into his Coffin, and his Relations throwing off their Mourning, made a solemn Panegyrick, not magnifying his Dignity or Family, but commending his Education, Piety, Justice, Temperance, and other Virtues. After relating more Particulars to our purpose, DIODORUS makes this most judicious Observation. *The Greeks, says he, in their commentitious Fables, and by their celebrated Poets have disguiz'd the Truth of these things, as of what relates to the Honor of the Just and Disgrace of the Wicked; and therefore they have bin so far from being able by these means to lead Men to the best sort of Life, that they are themselves despis'd by the Bad, and derided for their Folly.* But among

E the

Ο μεν γαρ Ἐλλωνες μυθοῖς πετλασμενοῖς καὶ πολιτεῖαι διαβεβλημένοις τὴν αἵρετην τελευτὴν παρεδίδοντο, τὸν τε τὸν εὐσεβῶν πολὺν, καὶ τὸν τὸν πενηντὸν πιοστὸν. Ταχαρόν γένεται εὐχούσιος δύναται ταῦτα περιγράψαι εἰς τὸν αειστόποιον τὸν ανθρώπον; αλλα τὸν ανθρώπον ποτὲ φανταστὴν χλαδαζούσαν; καταρρωμένον; τηγχανόν;

Πλάτων

Letter to the Egyptians, the Punishment of the Wicked and the Recompence of the Good, not being contain'd in Fables, but exhibited to our Eyes, each Party is every day put in mind of their Dutys; and by this Custom there grows the best and most useful Reformation of Manners. Lower in the same Book he gives a Catalogue of such celebrated Greek Philosophers and Legislators as were initiated in the Egyptian Learning; and repeats again, that ORPHEUS brought from thence the greatest part of the mysterious Rites (us'd in Greece) with the Orgys that are celebrated at their Explanation, and the Fictions of Hell. Somewhat lower again, he, that was an Eye-witness, assures us, That the Meadow, which was the feign'd Habitation of the Dead, is a place by the Lake call'd Acherusia near Memphis,

Παρει δι τοις Αιγυπτίοις κα μιδωδες αλλ' ορείς τοις μεν πονηροῖς της κολασσῶν, τοις δ' αγαδοῖς της τιμῆς κατει, καθ' ἔκεινην ἡμέραν αμφιβολεῖται τον ἐαυτούς προσποκούτων ὑπομεμηπούσια; καὶ δια τοιού τη τροπή μεριδη καὶ συμφορεῖσθαι Διορθωτὸς μηδέποτε πάντων. Lib. 1.

Ορφεα μεν γαρ τον μίστικον τελετῶν τα πλεῖστα, καὶ τα ἄλλα την ἐαυτήν πλανην ορμαζόμενα, καὶ την τον εν διδυ μιδωδοναν αποτενεγκαδια. Ibid.

Λεκάνα δι τομίσεν καὶ την μιδωδογυμνεύην οικούν την μεταπλασθήσαν τον πλει την λικνην τοπεύ την καλεμάνην

phis, which City is surrounded with most Letter
beautiful Meads and Groves of Lotus and
Calamus. Nor is it improperly said that the
Dead inhabit those places; for that the great-
est part and the most sumptuous of the Egyp-
tian Burials are made here, the dead Bodys
being transported over the River and
Acherusian Lake, and laid there in Grots
made for that purpose. The other Fic-
tions of the Greeks about Hell, do likewise
agree with those things which are to this
day perform'd in Egypt: for the Vessel
for transporting the Bodys is call'd Ba-
ris, and a piece of Mony to the value of
an Obolus is paid for fraught to the Ferry-
man, who in their Country Language is
call'd CHARON. There is also near
those places, as they say, the Fane of

E 2

darksom

μεννη μεν Αχεροπαν, πλησιον δε ουτων της Νειρεως,
οπιζαν ποιη αυτην λειμωνων καλλισων, έλων, και λαβε και
κυλαμε. Αχολεως δ' εγινεται και το καλοικεν τους
τελευτησαντας εν τουλοις τοις Λοποις: δια τε τας ταυ
Αιγυπτιων Ιας πλεισας και μερισα ειλαυδα τινεσσι,
διαπορθμοδομενων μεν των νεκρων δια τε του πο-
Ταμου και της Αχερουσιας λιμνης, τιθεμενων δε Ιων
σωματων εις Ιας ειλαυδα κεφενες θυκας. Συμφωνην δε
και τ' αλλα τα παρα τοις 'Ελληποι καθ' αδην μιδολθυγμενα
τοις εις νυν γνωμενοις και τ' Αιγυπτιον: το μεν ιας διακρο-
μιζον τα σωματα πλοιον, Βαρει καλειται; το δ' επιβαθμον
νομισμα την εβολον τηρ παρθημενονται, καλουμενον και την
εγκαθειον διαλεικον Χαρωνος. Ειναι δε λεγεται πλησιον Ιων
τοπων τελιν και σκολιας Ηγειης ιερον; και πυλαις Και-
κυλον

Letter darksom **HECATE**, and the Gates of
 II. **COCTUS** and **LETHE** made fast
 with brazen Bolts. There are also other
 Portals of Truth, and near these the Sta-
 tue of Justice without a Head. There yet
 remain among the Egyptians several other
 things that gave occasion to our Fables,
 keeping still the same Names, and the
 same Actions being perform'd. Here's a
 most natural Account of the Rise of
 those Poetical Fictions concerning the
 Elysian Fields, **CHARON** and his
 Passage-mony, with the different Man-
 sions of departed Souls, and the several
 Portals of Hell. All other Origins are
 false, or manifestly absurd and precarious.
 This whole Book of the most accurate
DIODORUS deserves to be read: but
 I have transcrib'd enough for my pur-
 pose.

13. THUS have I shown you,
 MADA M, how this Opinion of the
 Souls Immortality, and the Consequences

καὶ καὶ Λιβύης, διελεμμένας γελλήσιον οὐδέσιν: οὐ-
 αρχέντες δέ καὶ οὐδες πυλας Αἰγαίεσσας, καὶ πλησίον
 τυλιγράφων ακεφαλον έσταντα Δίκης: πολλά δέ καὶ
 άλλα των μεμυσθελευθερων διαμειγεντα παρ' Αἰγαίοις,
 τηρημένα εἴ τις προσπεριέτας καὶ της εἴ τοι πρατίσιον
 επεργυτας. *Ibid.*

of the same, was introduc'd from the Letter Egyptians among the Grecians, spread II. by the latter in their Colonys in Asia and Europe, and deliver'd to the Romans, who from the Greeks had their Religion and Laws. I mark'd the Progress of it among the Scythians, Germans, Gauls, and Britains. I have likewise prov'd how from Egypt, the Place of its Birth, it travel'd to the Chaldaëans and Indians, and from them over all the Eastern Parts of the World: for 'tis no wonder that this Doctrin was gladly and universally receiv'd (tho not built among the Heathens on its true Reasons) since it flatter'd Men with the Hopes of what they wish above all things whatsoever, namely, to continue their Existence beyond the Grave; there being but few that can bear the very Thoughts of ever ceasing to live somewhere, and most People commonly chusing to be miserable, rather than not to be at all. This was the State of the Soul's Immortality, among those Nations who were not illuminated by Divine Revelation. The People begun it, from them their Children learnt it, at last it became a part of all mens Education (as it happens to Opinions generally receiv'd) and so the Learned

E 3 themselves

Letter themselves believ'd it before they had a
II. reason for it. 'Tis true, the Vulgar,
who are not us'd to Reflections, embrac'd it ever afterwards (as they do still)
upon Trust or from Authority : but not
so with the Philosophers, who offer'd
many probable Arguments for the Soul's
separate Existence and eternal Duration.
They conceiv'd their own Thoughts or
Ideas to be immaterial, and to have
nothing in common with Extension ;
they found a Freedom in their Wills,
and a spontaneous Motion in their Bo-
dys ; they observ'd a perpetual Conten-
tion between their Appetite and their
Reason ; they laid much stress on their
Dreams, and thought that sometimes
awake they had certain Presages in their
Minds of future Dangers ; they saw
that Men had an unquenchable Thirst
after Knowledg, a Prospect of Futurity,
and earnestly desir'd a Happiness that
shou'd never end : therefore they con-
cluded that all these things must needs
proceed from some Being distinct from
the Body, which was self-moving, and
consequently immortal ; since every
Parcel of Matter is mov'd by some ex-
ternal Cause, and that what has Mo-
tion in it self can never lose it. The
Soul's Immortality was likewise great-
ly

ly confirm'd among the Heathens by Letter their Legislators, whereof several did not believe it themselves; but Observing that tho' some were virtuous by Nature or Temper, and that others were made so by the hopes of Reward and Honor, or by the Fear of Punishment and Disgrace) they further adopted this Opinion, as suiting all mens Circumstances, persuading them that in the other Life, the Wicked were sure to be punish'd for their Crimes, tho' they might here escape the Rigor of the Laws; and that the Good wou'd likewise meet there with those Rewards, which might be unjustly deny'd to their Merit in the present Life. By others this Argument was deem'd to have more of Reason than of Politicks in it, and they have labor'd to prove that such a Conduct was necessarily becoming the Goodness and Equity of a most wise Being. They had several Disputes about the Soul's Pra-existence, Duration, Essence, and the Manner and Time of its coming into the Body, its leaving of it, and their Union together. On these Subjects there have bin written many subtil and ingenious Conjectures, but more that were ridiculous, extravagant, and impossible. Nor have the

Letter modern Philosophers succeeded any better than the Antients, and among both of **II.** them scarce any two were of a mind ; whereas in my opinion the Moderns have not the same right to examine this matter as the Antients, but ought humbly to acquiesce in the Authority of our Savior JESUS CHRIST, who brought Life and Immortality to Light.

14. 'T IS no wonder that a Notion, thus grounded among the Heathens, was doubted or deny'd by great numbers of them, even by whole Sects, as the Epicureans for example ; and in some other Sects the distinct Being of it after Death was totally destroy'd, they making it then to return to the Soul of the World, and to be swallow'd up therein. But in all Sects there never wanted particular Persons who really oppos'd the Soul's Immortality, tho' they might accommodate their ordinary Language to the Belief of the People : for most of the Philosophers (as we read) had two sorts of Doctrins, the one internal and the other external, or the one private and the other publick ; the latter to be indifferently communicated to all the World, and the former only very cautiously to their best Friends,

er to some few others capable of receiving it, and that wou'd not make any ill use of the same. PYTHAGORAS himself did not believe the Transmigration which has made him so famous to Posterity; for in the internal or secret Doctrin he meant no more than the eternal Revolution of Forms in Matter, those ceaseless Vicissitudes and Alterations, which turn every thing into all things, and all things into any thing, as Vegetables and Animals become part of us, we become part of them, and both become parts of a thousand other things in the Universe, Earth turning into Water, Water into Air, Air into Æther, and so back again in Mixtures without End or Number. But in the external or popular Doctrin he impos'd on the Mob by an equivocal Expression, that *they shou'd become various kinds of Beasts after Death*, thereby to deter 'em the more effectually from Wickedness. Take notice, M A D A M, how his intimate Acquaintance and Disciple T I M Æ U S L O C R U S speaks. *If any Person, says he, will continue impenitent and refractory, he shall be sure of Punishment both from the Laws, and from*

¹ Εἰ δὲ καίσις σκλαψει καὶ αποθνήσι, τότε δὲ πειδεῖς πολεμεῖ, ἀ τοτε τοι ποιητας καὶ εἰ τοι λογοτεχνεῖς

Letter from those Doctrins, which denounce celestial and infernal Judgments; as that unhappy Ghosts will meet with implacable Torments, and those other things which the Ionick Poet has deliver'd out of ancient Tradition. For as we cure the Bodys of sick Persons with any sort of Remedys, if they refuse the most wholesom; so we keep the Minds of Men in order by false Reasons, if they will not be govern'd by true ones. Wherefore there is a necessity of teaching those foreign Torments: as that there is a Transmigration of the Soul, those of Cowards passing into female Bodys assign'd 'em for a Disgrace; those of Murderers into Beasts of Prey, for a Punishment; those of luxurios Persons, into the Forms of Swine or Goats; those of inconstant and boasting Fellows, into Animals flying in the Air; and those of the Slothful and the

Τοια επειρσικα δεινα τη επιφερια και τα καδ' αδεων; οτι καλασσεις απεργητοι αποκεντηταις δυσδιαιρεταις νερηροις, και ταλλα οσα επιτεινει τον Ιονικον ποιηταν, εις παλαιας ποιησιας τως εργατας. Ως γαρ τη συμβασια νοοθεσιοι ποιει ουρανοφορους, εικα μη εικη τοις ουρανοφοροις; οτω τας θυγατριας απειρρομενης θευμεσι λεγει, εικα μη αγνιται ελαθεσι. Λεγειντο δ' αναγνωκαις και πιστοις ξεναι, οις μελετηνομεναι τας θυγατρις, των μεν δειλων εγγυασκεια σπασει, ποδ' ουσιν εκδιδικεια; των διε ματαιφορων εις θυειαν επικαλα, τοις καρδισιν; λεγειν δ' εις επικαλην η κατηρη μορφας; καφηρεισι μελετην



the Idle, of the Unteachable and the Foolish, into the Shapes of Animals living in the Water. HOMER's Tradition of the Torments of Hell I have prov'd already to have bin from Egypt; and Transmigration is here call'd a foreign Torment, because PYTHAGORAS learnt it of the Egyptian Priests.

15. THO the Poets embellish'd their Pieces with the Opinion of the Soul's Immortality, yet a great number of them (for they were not all of a mind) utterly rejected it, as I might show by their own express words: for SENECA was not single in saying,

Nought's after Death, and Death it self is nought,

Of a quick Race only the utmost Goal;
Then may the Saints lose all their

Hopes of Heav'n,

And Sinners quit their racking Fears
of Hell.

But

μεταπομπεις μηνιναις αεριπομπαις; αργαντας δε και αεριπομπαις,
 ιαν, αεριδαις τε και αεριναις, εις τας των ερυδωναις
 ιδεας. In Libri Calce.

Post Mortem nihil est, ipsaque Mors nihil,
 Velocis Spatii Meta novissima.
 Spem ponant avidi, solliciti Metum.

Quotris

Letter

II.

~~~

But after Death you're curious where  
to be?  
E'en where the Children yet unborn  
remain.  
We're lost in Darkness and devouring  
Time.  
Death wafts the Body, and at last de-  
stroys;  
Nor spares the Soul. Infernal Depths,  
and those  
Dark Kingdoms of th' inexorable  
Lord,  
With Cerb'rus guarding the well-bolted  
Gates,  
Are only senseless Tales and empty  
Words,  
A Fable like unto a frightful Dream.

The best reason I can find for the Incre-  
dulity of the Poets, is the Experience  
they had of their own Fictions about  
the future State of the Soul: for scarce

Queris quo jaceas post obitum loco?  
Quo non nata jacent.

Tempus nos avidum devorat & Chaos.

Mors individua est noxia Corpori,

Nec parcens Animæ. Ternara, & aspero

Regnum sub Domino, Limen & obsidens

Custos non facili Cerberus ostio,

Rumores vacui, verbaque ianua,

Et par sollicito Fabula Somnio.

Trod. Alt. 2. Chor.

one

one of 'em believ'd the charming Descriptions they made of the Elysian Fields, nor their terrible tho elegant ~~and~~ Relations of the Torments of the Wicked. VIRGIL, the most accurate and ample Topographer of the infernal Regions, cou'd yet, when he thought of EPICURUS, break out into this Philosophical Rapture :

*Happy ! who cou'd of things the Causes know,  
Cur'd of all Fears, who cou'd tread  
under foot  
Relentless Fate, and greedy Waves  
of Hell !*

I shou'd never have done if I alledg'd all the Passages where HORACE, JUVENAL, and the rest of them sport with the storys about Hell, and Ghosts, and the like : but CORNELIUS SEVERUS has exprest the Minds of them all, tho after a more serious manner, in his Poem concerning the burning of Mount Etna.

---

*Felix qui potuit rerum cognoscere causas,  
Atque Metus omnes & inexorabile Fatum  
Subjectis pedibus, strepitumque Acherontis avari!*

*Georg. l. 2.  
Of*

## The History of the

Of all our Errors and Mistakes of  
things

The greatest part proceeds from tragick Scenes.

In Verse the Poets, not in Vision,  
saw

Black airy Spirits fleeting under  
ground,

And PLUTO's pallid Regions after  
Death.

The Poets feign'd the Stygian Waves  
and Dogs.

These have foul TITYUS o'er sev'n  
Acres stretch'd;

'Tis they, poor TANTALUS, who  
thee torment

With Hunger merciless and Thirst;  
'tis they,

O MINOS and O EACUS, who  
sing

Your splendid Judgments upon trem-  
bling Souls;

'Tis

Plurima pars Scenæ rerum est fallacia: Vates

Sub terris nigros videtur Carmine Manes,

Atque inter cineres Ditis pallentia Regna.

Mentiti vates Stygias Undasque, Canesque.

Hi Tityon septem stravere in jugera foedum;

Sollicitant magna te circum, Tantale, pœna,

Sollicitantque Siti; Minos, tuaque, Eace, in umbris

Jura

'Tis they who turn Ixion's rest- Letter  
less Wheel,  
And forge all th' other Fables under ~~the~~ II.  
Earth.

Earth's not enough: they pry about  
the Gods,  
And boldly view that Heaven where they  
ne'er shall come.

You'l think me uncharitable, perhaps,  
for excluding them by this last Line out  
of Paradise: but, besides that they de-  
serve no less for their Fictions in pre-  
judice of Truth, the Injury's not so  
great; since they cannot much fear a  
Hell of their own making.

16. B U T the Reasons of those who  
deny'd the Immortality of the Soul,  
whether Poets or Philosophers, are al-  
most all comprehended in a narrow  
Compas by PLINY the elder, in the  
seventh Book of his *Natural History*.  
After the Interment of the Body, says he,  
there are various Conjectures about de-  
parted

---

Jura canunt; idemque rotant Ixionis orbem;  
Quicquid & interius falsi sibi conscientia Terra est.  
Non est Terra satis: speculantur Numina Divum,  
Nec metunt oculos alieno admittere Cœlo, &c.  
Post sepulturam varia Manum Ambages. Om-  
nibus a supra die eadem quæ ante primam; nec  
magis

Letter parted Souls. But the State of all Men  
 II. is the same after the last Day of their  
 Life, as before the first; nor is there any  
 more Sense in Body or Soul after Death,  
 than before the Day of our Birth. Yet  
 the Vanity of living Men extends to fu-  
 ture Ages, and feigns to it self a new  
 Life in the very time of Death: some  
 bestowing Immortality on the Soul; some  
 teaching the Transmigration of the same;  
 others allowing Sense to those in Hell, and  
 worshipping their Ghosts, and making a  
 God of him, who is not at present so  
 much as a Man. As if indeed the man-  
 ner of breathing in Man differ'd any way  
 from that of all other Animals; or as if  
 there cou'd not be found many things  
 which enjoy a longer Life, to which no  
 body dreams of attributing the like Im-  
 mortality. But what sort of Body has  
 the separate Soul? Of what Substance?  
 Where

---

magis a morte sensus ullus aut Corpori aut Animæ,  
 quam ante Natalem. Eadem enim Vanitas in futurum  
 etiam se prorogat, & in mortis quoque tempore ipsa  
 sibi vitam mentitur: alias Immortalitatem Animæ;  
 alias Transfigurationem; alias sensum Inferis dando;  
 & Manes colendo, Deumque faciendo qui jam etiam  
 Homo esse desierit. Ceu vero ullo modo spirandi ratio  
 Homini a ceteris Animalibus distet; aut non diutur-  
 niora multa in vita reperiantur, quibus nemo similem  
 divinat Immortalitatem. Quod autem Corpus Animæ  
 per

Where resides its Thinking ? How does it Letter  
see ? How does it hear ? Or by what  
means does it touch ? About what is it ~~busy'd~~  
busy'd ? Or what Good can there be  
without these things ? Where likewise is  
the Mansion thereof ? And in so many  
Ages, how vast must be the multitude  
of Souls, as well as of Ghosts ! These  
are Allurements to quiet Children, and the  
Fictions of Mortals that won'd live with-  
out end. The Vanity of preserving the  
Bodys of Men, is like that of the Resur-  
rection promis'd by DEMOCRITUS,  
who did not revive himself. But what a  
prodigious Madness is it, to think that  
Life can be renew'd by Death ? Or what  
Repose can Mortals ever enjoy, if the  
Soul be alive above, and the Ghost has  
Sense below ? In earnest, this Fondness  
and Credulity destroys the Usefulness of  
F Death,

---

per se ? Quæ Materia ? Ubi Cogitatio illi ? Quomodo  
visus ? Auditus ? Aut qui tangit ? Qui usus ejus ? Aut  
quod sine his Bonum ? Quæ deinde Sedes ? Quantave  
multitudo tot seculis Animarum, velut Umbrarum !  
Puerilium ista Delinimentorum, avidæque nunquam desiri-  
nere mortalitatis Commixta sunt. Similis & de asservan-  
dis Corporibus Hominum, ac reviviscendi promissa De-  
mocrito vanitas, qui non revixit ipse. Quæ (malum)  
ista Dementia est, iterari Vitam morte ? Quæve (Ge-  
nitis quies unquam, si in sublimi sensus Animæ manet  
inter inferos Umbras ? Perdit profecto ista Dul-  
cedo

Letter Death, which is the principal Good of  
 II. Nature; and doubles the Pains of a dying  
 Man, if he happens to be concern'd about  
 his future State: for if it be a pleasure  
 to live, to whom can it be pleasant to have  
 liv'd? But how much easier and more  
 certain is it for every one to believe his  
 own Experience, and to draw an Argu-  
 ment of his Security from the Considera-  
 tion of what he has bin before he was born?  
 Such are the Reasonings of Men who  
 talk all the while of they know not  
 what, having false Notions of the Ori-  
 gin of the Soul, none at all of its Uni-  
 on with the Body, and but imperfect  
 Guesses about its Essence, which leads  
 'em consequently to doubt of its sepa-  
 rate Existence, and so to deny its Im-  
 mortality. But, however Men left to  
 themselves may mistake, 'tis impossible  
 that God shou'd lie; and what he has  
 reveal'd, tho' not in every thing falling  
 under our Comprehension, must yet be  
 true and absolutely certain. And in

---

cedo Credulitasque præcipuum Naturæ bonum, mor-  
 tem; ac duplicer Obitus, si dolere etiam post-futuri  
 Æstimatione evenit: etenim si dulce vivere est, cui  
 potest esse vixisse? At quanto facilius certiusque sibi  
 quenque credere, ac Specimen securitatis antegenitali  
 sumere experimento? Cap. 56.

this

this consists no small Advantage of Be-  
lievers, that tho' they may be equally  
ignorant with others about the nature of  
a thing, yet they may have the greatest  
Conviction of its Existence, and make  
that use of this Discovery which is bene-  
ficial or convenient.

17. BUT I exceed my design of a  
bare Historian; besides that you need  
no Antidote, SERENA, against the  
Poison of an abler Adversary than  
PLINY. I have freely given you my  
Opinion how the Heathens came by  
their Notion of the Soul's Immortality,  
~~with my Reasons for the same:~~ and if I  
attribute the Invention of this Doctrin,  
as well as of Astrology, and most of the  
other Sciences, to the old Egyptians, 'tis  
not out of any Partiality to an extinct  
Nation (tho' never so learned, wise, or  
polite) but led by historical Proofs to a  
full Persuasion. In treading the Mazes  
of Antiquity, I am secure from all sus-  
picion of Favor or Fear, of Interest or  
Revenge. I can't be thought to flatter  
NECEPSOS, if I shou'd make him  
pass for the King of Astrologers; and I  
am come too late into the World to ex-  
pect any Recompence from SESOST-  
RIS, who, I think, far exceeds all

Letter the other Heroes and Conquerors of An-  
 II. tiquity. When I undertook to examine  
 this Subject, the Discovery of Truth  
 was the only end I propos'd to my self,  
 besides that of obeying your Commands,  
 which shall be always, M A D A M,  
 receiv'd with more Alacrity and Sub-  
 mission, than those of any Monarch in  
 the Universe, by your most oblig'd and  
 devoted Servant.

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## LETTER

## LETTER III.

*The Origin of Idolatry, and  
Reasons of Heathenism.*

I AM under a double Obligation, M A D A M, to impart my Thoughts to you about *the Origin of Idolatry*, both from the Promise I made you by word of mouth, and by what I have since written to you in the Letter concerning *the Soul's Immortality among the Heathens*. But you are not to expect an account of all the ancient Superstitions, which wou'd require many Volumes, nor of any one Religion whatsoever, I shall only endeavour to show by what means the Reason of men became so deprav'd, as to think of subordinate Deitys, how the Worship of many Gods was first

Letter introduc'd into the world, and what  
III. induc'd Men to pay Divine Honors to  
their Fellow-Creatures, whether on  
Earth or in the Heavens: then I shall  
explain the Fables of the Heathens by  
general and certain Principles, giving  
the occasion of their Temples, Priests,  
and Altars; of their Images and Sta-  
tues; their Oracles, Sacrifices, Feasts,  
Expiations, Judiciary Astrology, Ghosts,  
and Specters; of the tutelary Powers of  
several Countys; of Peoples thinking  
that Heaven is over us, that Hell is  
under us, and such other things as com-  
monly occur in the Greek and Roman  
Authors. Tho with very small pains  
I could manifestly prove that in Egypt  
*Men had first, long before others, arriv'd  
at the various beginnings of Religions* (as  
AMMIANUS MARCELLINUS  
speaks), and that they preserv'd the first  
occasions of Sacred Rites conceal'd in  
their secret Writings; yet I shall not  
trouble you with repeating the Argu-  
ments I have already produc'd to this  
purpose in the History of the Soul's Im-

Hic primum Homines, longe ante alios, ad varia Religionum incunabula (ut dicitur) pervenerunt; & initia prima Sacrorum erat ruitur condita Scriptis: etiam. Lib. 22. c. 2. v. 1.

卷之三

### *mortality,*

mortality, from the Authority of H- Letter  
EODOTUS, DIODORUS SICU- III.  
LUS, LUCIAN, DION CASSIUS,  
MACROBIUS, and others: nor will  
I urge that, by Examples and Laws  
from the Pentateuch, it clearly appears  
that Magick, the Interpretation of  
Dreams, Astrology, and Necromancy,  
were long us'd in Egypt before they  
were known in Chaldaea or any other  
place.

2. THE most antient Egyptians, Persians, and Romans, the first Patriarchs of the Hebrews, with several other Nations and Sects, had no sacred Images or Statues, no peculiar Places or costly Fashions of Worship; the plain Easiness of their Religion being most agreeable to the Simplicity of the Divine Nature, as indifference of Place or Time were the best Expressions of infinite Power and Omnipresence. But tho God did thus make Men upright, yet they found out (says the wisest King of Eccl.7.29. Israel) many Inventions. And certainly when once a Man suffers himself to be led into precarious or arbitrary Practices, he cannot stop for any Reason, but what, if it be good, must conclude with equal Force against all. I believe, I  
divine. F 4 may

Letter may without much difficulty prove, III. that such as first entertain'd Designs against the Liberty of Mankind, were also the first Depravers of their Reason. For none, in his right senses, can ever be persuaded voluntarily to part with his Freedom ; and he that makes use of Force to deprive him of it, must have brib'd or deluded very many beforehand to support his unjust Pretensions, by which accession of strength he cou'd seduce, frighten, or subdue others. It will not therefore appear unlikely that Men very early learnt to have the same Conceptions of God himself, which they had before of their earthly Princes : and after thus fancying him mutable, jealous, revengeful, and arbitrary, they next endeavour'd to procure his Favor much after the same manner that they made their court to those who pretended to be his Representatives or Lieutenants, nay to be Gods themselves, or to be descended of heavenly Parentage, as the antient Monarchs us'd to do.

3. IT seems evident from the remotest Monuments of Learning, that all Superstition originally related to the Worship of the Dead, being principally deriv'd

deriv'd from Funeral Rites, tho' the Letter first occasion might be very innocent or laudable, and was no other than Orations wherein they were sometimes personally address'd (such as the Panegyrics of the Egyptians) or Statues dedicated with many Ceremonys to their Memory. But the Flatterers of great Men in the Persons of their Predecessors, the excessive Affection of Friends or Relations, and the Advantage which the Heathen Priests drew from the Credulity of the simple, carry'd this matter a great deal further. Not only Kings and Queens, great Generals and Legislators, the Patrons of Learning, Promoters of curious Arts, and Authors of useful Inventions, partook of this Honor; but also such private Persons, as by their virtuous Actions had distinguish'd themselves from others, were often consecrated to pious and eternal Memory by their Country or their Kindred, as reputable to the Dead, and exemplary to the Living. This is the true reason (as we shall shew in its proper place) of all Nations having their proper tutelary Gods; and hence

Letters are deriv'd the peculiar Religions of  
 III. particular Familys. PLINY, in the  
 second Book of his *Natural History*,  
 says, That the most antient way of Mens  
 paying their Acknowledgments to their  
 Benefactors, was by deifying of them after  
 their Decease (which was affirm'd by  
 CICERO with several others before  
 him) and that the several Appellations of  
 the Gods and of the Stars are deriv'd  
 from the meritorious Actions of Men.  
 The first Idolatry therefore did not pro-  
 ceed (as 'tis commonly suppos'd)  
 from the Beauty, or Order, or Influence  
 of the Stars: but Men, as I told you  
 in the *History of the Sons's Immortalitj*,  
 observing Books to perish by Fire,  
 Worms, or Rottenness; and Iron, Brass,  
 or Marble not less subject to violent  
 Hands or the Injurys of the Weather,  
 they impos'd on the Stars (as the only

Sacra Gentilitia.

Hic est verutissimus referendi bene merentibus  
 Gratiam mos, ut tales Numinibus adscribant: quippe  
 & omnium aliorum nomina Deorum, & quæ supra  
 retuli Syderum, ex hominum nata sunt meritis.

Suscepit autem vita Hominum consuetudoque com-  
 munis, ut beneficiis excellentes viros in Coelum fama  
 ac voluntate tollerent; hinc Hercules, hinc Castor &  
 Pollux, &c. De Nat. Deor. l. 2.

ever-

everlasting Monuments) the proper Letter Names of their Heroes, or of something memorable in their History.

III.

ERATOSTHENES the Cyrenean, a very antient Philosopher of prodigious Knowledg in all the Sciences, wrote a Book (yet extant) of the Constellations, wherein he delivers the Reasons of their Names, which are perpetual Allusions to antient History, tho wonderfully disguiz'd by Time, and for the most part mere Fables. The most learned Monsieur LE CLERC, when he wrote an Extract of ERATOSTHENES, among some other Mythological Tracts in the eighth Volume of the Universal and Historical Library, made the following Epigram.

Antiquity, b'ing sure that Nature's Force  
Wou'd Brass and Marble Monuments consume,  
Did wisely its own History transmit  
To future Times by Heav'n's eternal Fires.

---

Tempore, cum lapidum sciret monumenta vetustas,  
Atque perire suo cuncta metalla situ;  
Cauta, suam, ætates ferrus docuisse futuras  
Cælorum aternis ignibus, Historiam.

In

III. In other places he declares himself to be of the same opinion concerning the Appellations of the Stars, and in that very Journal explains some Fables upon this Principle. As divers Nations learnt this Custom one of another, so they accordingly chang'd their Spheres, each imposing on the heavenly Bodys the Names and Actions belonging to their own Country. This is manifest in the Spheres of the Greeks and Barbarians, and for this reason the Cretans maintain'd that *most of the Gods were born among them, being Men, who, for their Benefits to the Publick, had obtain'd immortal Honors*: for they believ'd the Grecian Gods to be those of all Mankind, and knew not that in other places this way of naming the Constellations and deifying deserving Men, was long in use before they had practis'd it. Nor was there wanting one among the Christians, who, approving this Method, endeavour'd to abolish those

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*Ταῦτα δὲ τοι πλεῖστοι μαντολογοῦσι παῖς ἱερῶν  
γένονται, τοι δια τοι κοντας εὐηγγελιστας πυχοῖς εἰδεῖσθαι τίποις.* — Diod. Sic. l. 5.

Heathen

Heathen Names, as not understood, or Letter of no concern to us; and to impose on the Stars new Names in their stead, containing the History of the Old and New Testament. But since he cou'd not prevail with the Astronomers, let's not digress. At last such as were ignorant or ashame'd of the true Reasons of these things, wou'd justify their Worship (tho, as I shall evince, by weak Arguments) from the endless and orderly Revolution, the admirable Lustre, and general Usefulness of the Sun, Moon, and other Planets and Stars. This did likewise give the Philosophers a handle to explain the Motions of the Planets by certain Intelligences fixt and inhabiting in their Orbs, which they perpetually guided in their Courses; and hence the Bodys of the Sun and Moon are painted like a Face with Eyes, Nose, and a Mouth.

4. THE Opinion of the twelve greater Gods proceeded from certain Historys affix'd to the twelve Signes of the Zodiack, as the seven Planets bear the Names of as many Persons, to whom were also consecrated the Days of the Week, but reputed more or less holy,

Letter holy, lucky or fortunate, according to the Temper and Dignity of these Gods: III. so that the Egyptian Division of Time into Months and Weeks, and the storys they wou'd perpetuate by the Stars, gave a Rise to the most eminent Gods of the Heathens. From hence very naturally Judiciary Astrology had its beginning: for the People, as you'll see lower, believing those Gods to correspond with their Priests, who they thought might as well foretel any other Secret as they did Eclipses, consulted them about all they dreaded or wish'd. The fluctuating of mens Minds between Hope and Fear, is one of the chief Causes of Superstition: for being no way able to foresee the Event of what greatly concerns them, they now hope the best, and the next minute fear the worst, which easily leads them not only to take any thing for a good or bad Omen, which happen'd to them in any former good luck or misfortune; but also to lay hold of any Advice, to consult Diviners and Astrologers. 'Tis just after the same manner with sick Persons, who frequently prefer a Conjurer to the best Doctor, and a ridiculous Charm to the most excellent Remedy.

medy. ' *Magick it self* (in the worst Letter sense) *had its undoubted Original from Physick*, as PLINY says, pretending to afford better Remedys, to be nobler and more divine: to its flattering and most alluring Promises were added the joint Forces of Religion (to which Mankind is always extremely obnoxious) and of Mathematical Arts (meaning Astrology) every body being desirous to know what regards him for the future, and believing that the Truth of these Things may be certainly learnt from Heaven. Thus captivating Mens Understandings by this triple Ty, it increas'd to such a prodigious pitch, &c. Over and above the Impressions of Religion in barbarous Words and Charms; and of Astrology, in the Influence and Intelligence of the Stars, the Magicians wou'd appear not to act

<sup>1</sup> *Natam primum e Medicina nemo dubitat, ac specie salutari irrepsisse velut altiorem sanctioremque quam Medicinam: ita blandissimis desideratissimisque promissis addidisse vites Religionis, ad quas maxime etiamnum caligat humanum genus: atque ut hoc quoque suggesterit misericordie Artes mathematicas, nullo non avido futura de se se sciendi, atque ea e Caelo verissime peti credente. Ita, possestis hominum sensibus triclini modo, in tantum Eastigium adolevit, &c. Nat. Hist. lib. 30.*

without

Letter without rational Grounds, by the occult physical Virtues of certain Herbs, Stones, Minerals, and other Things extremely difficult to be procur'd, and only known to themselves. I have already prov'd in my last Letter, that the Egyptians were the Inventors of Astrology ; and tho CICERO, the Disciple of the Greeks, inclines to attribute it rather to the Chaldeans of Assyria, yet it's worth your while to hear how cautiously this wise Man has exprest himself. *The Chaldeans, says he, not those so call'd from their Profession but from their Nation, by a constant Observation of the Stars are thought to have fram'd a Science, whereby it may be foretold to every Person what may happen to him, and to what Condition he is born.* The Egyptians likewise, from the Antiquity of Times, are believ'd to have had the same Art for innumerable Ages.

<sup>1</sup> Chaldaei, non ex Artis sed ex Gentis vocabulo nominati, diuturna Observatione Syderum Scientiam patuerunt esse possit, ut praedicti posset quid cuique eventuarum, & quo quisque Fato natus esset. Eandem Artem etiam Egypti longinquitate temporum innumerabilibus pene seculis consequari parantur. *De Divinis. lib. 1.*

5. SINCE thus I have accounted for Magick and judiciary Astrology, I shall, before I go any further, add a word or two about Peoples looking up when they pray, believing Heaven to be over their Heads, and Hell under their Feet. I shall likewise produce the occasional Causes of Ghosts and Specters: for all those Things came from the same common Root with the Origin of Idolatry, that is, from the Rites of the Antients about dead Bodys. In the Letter about *the Immortality of the Soul among the Heathens*, I explain'd to you by what Degrees the People came to be persuaded that there were Persons living in the Stars; and here I'll show you how they arriv'd to the supreme Dignity of Godship: from which you'll easily perceive that this introduc'd the Custom of Mens lifting up their Eyes, and extending their Hands to Heaven when they pray; directing themselves to the Gods whom they beheld above them. From the same Funeral Rites they believ'd Hell to be under them, and to be the Mansion of the Good and the Bad, tho distinguish'd in their Places

Letter and Conditions; because all sorts of Men  
III. were equally bury'd, and only a smal-  
~~~~ler number deify'd, whom they thought  
to be above: whereas in the Universe,
properly speaking, there is in reality
neither Above nor Below, Right nor
Left, East, West, North, or South,
these being only abstracted Notions, de-
noting the Relations of particular Bo-
dys to one another, and their several
Situations in respect of us. The Fan-
cy of Ghosts and Specters proceeded in
like manner from the Egyptian Mum-
mys, these being so long kept intire,
not only in the Grots near Memphis,
but also by many People in fine A-
partments at home, and which (whe-
ther preserving their Lineaments
fresh, or becoming ghastly with Time)
cou'd naturally make frightful Impres-
sions on Children, Strangers, and the
ignorant Vulgar. Tho Humation, or
the placing of the intire Corps under
Ground, was the most antient and uni-
versal manner of Burial, and that the
Athenians are acknowledg'd to have
learn'd it of the Egyptians, yet you
know the Romans were accustom'd to
burn their dead Bodys; and neverthe-
less, as CICERO judiciously remarks,
they

they were nothing cur'd thereby of Letter
 their Notions concerning Ghosts and III.
 Specters, Humation having bin like. ~~wise~~
 their first Method of Burial. *And*
so prevalent was Error, ' says he, *that*
tho they knew the Bodys were burnt, yet
they feign'd such things to be transacted
in the infernal Places, which without Bodys
can neither be done nor understood:
For as they cou'd not frame any Notion
in their Minds of Souls living in a se-
parate State, so they sought out some
Form or Figure. Thence proceeded all
HOMER's Divination by the Dead;
thence those necromantick Rites which my
Friend APPius us'd to perform; thence
in our Neighbourhood the Lake of Aver-
nus,

*Whence Ghosts are nightly rais'd, and
 Gates of deepest Hell*

*Tantumque valuit Error—ut corpora citemata cum
 scirent, tamen ea fieri apud inferos fingerent, quia sine
 corporibus nec fieri possent nec intelligi. Animos ei-
 nim per seiplos viventes non poterant mente complecti,
 Formam aliquam Figuramque quarebant. Inde Home-
 ri tota Nekyia: inde ea que meus amicus Appius Ne-
 kyomantia faciebat: inde in Vicinia nostra Averni Lacus,
 Unde Anime excitantur obscura umbra, aperto ostio
 Altii Acherontis, falso sanguine imagines mortuorum.*

Tusc. Quest. l. i.

Letter

III.

Open to false Bodys, Images of the Dead.

6. THUS you see, M A D A M, how they took care to people Hell ; and the truth is, that the very Heaven of the Gentiles was wholly inhabited by Colonys from our Earth. CICERO in his first *Tusculan Disputation*, boldly says, *Is not all Heaven full of human Race ? If I shou'd be at the pains of searching among the Antients, and particularly the Greek Writers, those, who are accounted the principal Gods, will be found to have remov'd from among us into Heaven. Ask whose are the Sepulchers they shew in Greece. Remember, seeing you are initiated, what is told at the Celebration of the Mysterys ; and then you'll understand how very far this Business reaches.*

¶ *Totum pene Cœlum nonne humano Genere complectum est ? Si vero scrutari vetera, & ex his ea quæ Scriptores Graci prodiderunt eruere coner ; ipsi illi, majores gentium Dii qui habentur, hinc a nobis profecti in Cœlum reperientur. Quare quorum demonstrantur sepulchra in Græcia. Reminiscere, quoniam es-initiatus, quæ traduntur Mysteriis ; tum denique quam hoc late pateat intelliges.*

Nor

Nor was it at the Eleusinian Mysterys Letter only that such Discoverys were made, III. for those of the Egyptians adumbrated the Death of their deify'd King OSIRIS and his Queen ISIS; to speak nothing of the Syrian Rites in Honor of ADONIS and other Deitys, which King DAVID most properly calls *the Sacrifices of the Dead*. It is as true of all the psal. 106. Mysterys in general, what CICERO ²³ says in another place of those of Eleusis, Samothracia, and Lemnos, 'That being explain'd, and reduc'd to the Examination of Reason, the Nature of Things is better known than that of the Gods. EUHEMERUS, an old Sicilian Poet and Philosopher, wrote the History of SATURN, JUPITER, and the rest of that sort, describing the Birth, Country, Actions, and Buryal-place of each; and, as PLUTARCH words it, 'He humaniz'd the Gods, not transforming but reducing them to Men, such as they truly were before. But, not con-

¹ Quibus explicatis, ad rationemque revocatis, rerum magis natura cognoscitur quam Deorum. *De Nat. Deor. lib. 1.*

² Elysianis in illis.

³ Ab Euhemero autem & Mortes & Sepulturae demonstrantur Deorum. *Cic. de Nat. Deor. l. 1.*

Letter tent thus to deify the Dead, they as-
 III. sign'd them the same Inclinations and
 ~~~~~ Offices which they had before on  
 Earth, and, as VIRGIL sings of his  
 Warriors,

*The same Delight they took alive  
 in Arms,  
 To course in Chariots, or breed stately  
 Horses,  
 With equal Care employs their Ghosts  
 below.*

So HESIOD, very pertinently to our purpose, represents the happy Inhabitants of the Golden Age like the most antient Princes, injoying their former Power above, and as being the Distributors of Riches and Honors here on Earth.

*These by great JOVE's Decree now  
 Demons are,*

Ce-

---

Quæ gratia curruum,  
 Armorumque fuit vivis, quæ cura nitentes  
 Pascere equos, eadem sequitur tellure reposost.

AEn. I. 6.

Τοι μεν Δαιμόνες εστι Διος μεγάλης μία βρύλας,  
 Εδλοι,

*Celestial, Good, Guardians of mortal Letter  
Men,* III.  
*Observing all their just or wicked ~~~~  
Deeds,*  
*B'ing cloth'd with Air, and wandering  
o'er the Earth,*  
*They Wealth and Honors to their  
Fav'rites give;*  
*For still their kingly Office they re-  
tain.*

From the same Spring the old Ethiopians, as we learn from STRABO, <sup>believe'd</sup> their Benefactors and Persons of royal Extract to be Gods, and, no doubt, to benefit and protect them still from above, as they formerly us'd to do below.

7. I DON'T pretend, MADAM, that these false Notions of the Heathens about the Dead were the only Rise of Idolatry; but I maintain it was the first, the

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Εθλοι, επιχειροι, φυλακας Θρησκου ανθετων,  
Οι γα φυλακεσιν τε διας και χειλια εργα,  
Ηερες επιστευονται, παντη φοιλωθεις επι αιεν,  
Πλανεσθειοι; και τελο εγεις βασιλειον εργα.

Oper. & Dies.

<sup>2</sup> Ως δε επι το πολυ Ιες Ευρωπας και βασιλικος θεος  
ρουμενος. Lib. 17.

Letter most natural, the most universal, and  
 III. what gave occasion to all the rest. The  
 same excessive Respect was transfer'd by  
 degrees to other things, both as being  
 the Gifts of the Gods, and for their own  
 innate Excellency. *There are many other  
 Natures of the Gods, says CICERO,  
 (not without reason, because of their  
 great Benefits) instituted and nam'd by  
 the wisest Men of Greece, and by our  
 Ancestors: for whatever cou'd bring great  
 profit to Mankind, that thing they thought  
 cou'd not be made without the Divine Boun-  
 ty towards Men.* But they did not re-  
 strain this Notion to those useful things  
 without us, nor to the celestial Bodys;  
 they also extended the like Privilege  
 to the Dispositions of the Mind, to its  
 Faculty, and Virtues: for, according  
 to the same CICERO, *The thing it  
 self, in which there is any great worth, is  
 so*

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*Multa autem aliæ naturæ Deorum ex magnis Bene-  
 ficiis eorum, non sine causa, & a Græciæ sapientissimis  
 & majoribus nostris constitutæ nominataeque sunt:  
 quicquid enim magnam utilitatem generi afferret hu-  
 mano, id non sine divina Bonitate erga Homines fieri  
 arbitrabantur. De Nat. Deor. l. 2.*

*2 Tum autem res ipsa in qua vis inest major aliqua  
 sic*

so-term'd by them, that even this very Letter Worth is call'd a God, as Fidelity, the III. Mind, &c. And so Virtue, Honor, ~~Worth~~, Safety, Concord, Chastity, Liberty, Victory, Clemency, Piety, and such like, were deify'd; in all which things, adds he, 'because there was so great a Worth that it could not be manag'd without God, the Thing it self has obtain'd the name of a God, of which kind the words Cupid and Desire, Venus and Love, are consecrated. Without question, when wise and good Men perceiv'd that the People wou'd needs have a plurality of Gods, and Temples dedicated to them, they, to comply with their Weakness, and at the same time to bring 'em as much as they cou'd to better and nobler Thoughts, deify'd such Things. Hence may be perceiv'd how so many Things came to be deify'd, which have no personal Form or Existence, and are nothing else but mere

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sic appellatur, ut ea ipsa vis nominetur Deus, ut Fides, ut Mens, &c. *Ibid.*

'Quarum omnium rerum quia vis erat tanta ut sine Deo regi non posset, ipsi res Deorum nomen obtinuit, quo ex genere Cupidinis & Voluntatis, & Iubentinæ Veneris vocabula consecrata sunt. *Ibid.*

Propertys,

Letter Propertys, Modes, or Accidents. This  
 III. made CICERO appoint in his Laws  
 (a matter practis'd in Rome before) that those things shou'd be reputed  
 Gods, *'for the sake of which Man was admitted to ascend into Heaven.'* — 'Tis well done, says he, that the Mind, Piety, Virtue, Faith, are consecrated, of all which the Temples are publickly dedicated at Rome; that those who have them (and all good Men have them) may think that the Gods themselves are plac'd in their Minds.

8. BUT as the Superstitious pervert every thing in Heaven and Earth, so they fail'd not to do in this case, consecrating the most vicious and abominable things, for which our Author justly reprehends them. The Athenians were bless'd with a couple of fine Goddesses, Contumely and Impudence; the Romans had Fear and Hope, Paleness

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Propter quæ datur homini ascensus in Cœlum. — Ene vero quod Mens, Pietas, Virtus, Fides, consecrantur manu, quarum omnium Romæ dedicata publice Tempa sunt: ut illa qui habeant (habent autem omnes boni) Deos ipsos in Animis suis collocatos putent. De Leg. l. 2.

and

and Trembling. The destructive Fever had an Altar; and there was an endless rabble of Gods presiding over the foulest Distempers, and even over Actions very barbarous and obscene. The Egyptians, besides the Worship of the celestial Gods, or of the Stars and Planets, had withal a symbolical Worship on Earth, attributing Divine Virtues and paying a religious Respect to almost all sorts of Animals and Plants, not excepting the most vile and contemptible. Yet all parts of Egypt did not reverence the same Species. The Reasons they alledg'd in their own Justification, were either the Usefulness of these things, or that the several Deitys manifested their particular Powers more in one Species than in another, or they pretended to some Allegory drawn from Morality or Natural Philosophy. *In their Sacred Rites, says PLUTARCH, there's nothing appointed that's unreasonable (as some imagine) or fabulous, or from Superstition; but some things*

<sup>1</sup> οὐδεν αλογον, καὶ μυθωδες, καὶ ὑπὸ Δεισιδαιμονιας (ώσπερ ενοι τομοστιν) εγκατεστηκειο ἴστοριας: αλλα

Letter things having moral and useful Causes,  
 III. and others not being void of some historical or philosophical Elegance. Agreeable to which CICERO says, that the very Egyptians, ' who are so much laught at, have not consecrated any Beast, but for some Advantage that they drew from it. This symbolical Theology made several learned Men believe that all the other parts of the Heathen Religions might and ought to be so explain'd, which I shall prove to be a great mistake before I have done. The Egyptians indeed carry'd it farther than all others : for they did not only worship the Bird Ibis, Hawks, Cats, Dogs, Crocodiles, Sea-horses, Goats, Bulls, Cows, Onions, Garlick, and what not ? but <sup>1</sup> they worshipt a Man in the Town of Anubis, in which they sacrific'd to him, and burnt the sacred stuff on the Altars.

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αλλα τα μεν ποικιλα εχοντα και χρηματεις αιτιας, ταδε  
 εν αυτοις και φοιτοις ισδεκεις η φυσικης εστιν. De Iside  
 & Osiride.

<sup>1</sup> Ipsi illi, qui irridentur, Ægyptii, nullam Belluam, nisi ob aliquam utilitatem quam ex ea caperent, consecraverunt. De Nat. Deor. l. 1.

<sup>2</sup> Αιθρωπον σεβεσιν κατα Ανυδιν καμην, εν μη και  
 τελω θυσιας, και επι των βορων τα ιερεια και λαοι. De  
 Abstin. l. 4.

They

9. IN other Countrys some paid a philosophical Worship to the four Elements, and certain parts of the human Body. Other Citys as well as that of Rome were elevated to the high Dignity of Goddesses. And many for fear of offending by mistake erected Altars to unknown Gods. The Romans frankly naturaliz'd those of all other Nations, falling down before such Deitys as cou'd not protect their antient Votarys from the Power of their Arms: yet this was rather a politick Liberty of Conscience, than the Effects of any real Devotion. Now from all this it is very evident, not only that the Gods did infinitely exceed Mankind in number as well as in dignity; but that, tho Superstition cou'd be kept within no bounds, yet all Idolatry had its Original from mens Notions and Actions about dead Bodys. But no Absurdity seems greater to me than to find Divinity attributed to Chance, which is directly

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\* Diog. Laert. in Epimenide. Pausan. in Attic. & Lucian. in Philopat.

Letter opposite to all Order, Intelligence, and  
III. Design: and, nevertheless, under the  
name of Fortune it had its proper Temples, one dedicated to good, and another  
to bad Fortune; at the same time re-  
ceiving Divine Worship, and the most  
opprobrious Epithets of blind, various,  
inconstant, true to the worst, and a jilt  
to the best. These things, as in the  
Sequel will appear, were introduc'd and  
invented at second hand; but all occa-  
sion'd and grounded on the Worship of  
the Dead.

10. I A M far from designing to  
bring all the Arguments I cou'd to  
demonstrate my Opinion about *the Origin of Idolatry*, yet I cannot forbear  
producing one Example, which shows  
the utmost Extravagance of human  
Nature. Tho the generality of Christians  
have almost made a Martyr of  
SOCRATES as dying for the Belief  
of one God, and that the Heathens will  
have his guilt to have bin for intro-  
ducing other Gods than the State al-  
low'd, yet both these Assertions are  
false: for to his death he adher'd to the  
Worship of his Country, being of op-  
inion that no private Person ought to  
separate

separate from the publick Establishment ; and tho he might believe but one God, yet this was none of the Crimes objected to him by his Accusers or his Judges. However, considering the Sentiments of all Men about him, it seems scarce credible that this Father of good Manners, this Prince of Philosophers, and ablest Physician of the Mind, shou'd have divine Honors paid to himself after his death, that he shou'd have a Temple and a Fountain dedicated to his Name. We read, it's true, that the Athenians, repenting of their unjust Sentence, and to acknowledg his exemplary worth, erected a Statue to perpetuate his Memory : and we know (what is very natural) that his Admirers celebrated his Birth-day, and wore the Figure of his Head about them on Gems in their Rings or Seals. But this Veneration at last was carry'd to religious Worship. For MARINUS, the Disciple and Successor of PROCLUS at Athens, who wrote his Master's Life, and who speaks of a thing he knew as well as I do to what Saint my Parish-Church is dedicated : MARINUS, I say, relating the happy Presages of PROCLUS's succeeding in the Platonick School, says, that

Letter that as he arriv'd at the Piraum, NICOLAS, who afterwards grew famous in the Art of Declamation, but study'd then under the Professors at Athens, went down to the Port as to one of his Acquaintance, to receive and lodg him as his Countryman; for NICOLAS was likewise a Lycian, and so he conducted him into the City. But (PROCLUS) finding himself weary after his Voyage, sat down by the way in the Chappel of SOCRATES (when as yet he neither knew nor had heard that SOCRATES was honor'd in any place thereabouts) and pray'd NICOLAS that he wou'd likewise sit down a little, and, if he cou'd any where, to help him to some Water. The other obeying him, order'd some to be brought

Ὥς ταῦτα τοῦ περιφάνειαν κατέβη, Νικολᾶς, ὁ ὑστερόν περιφάνειαν επὶ τῇ σοφίστῃ γένουμενος, τανάκαντα δὲ σχολαζών τοῖς εν Αθηναῖς Διδασκαλοῖς, κατέβη εἰς τὸν Διμερά, ὡς πρὸς γυναικεῖον, ὑπερέξαμενος τὸν αὐλον καὶ ξεναγούσων ὡς πολιτιν. Δυνατὸς ταῦτα καὶ ὁ Νικολᾶς. Ήγένετο δὲ αὐτὸν επὶ τὴν πόλιν. Οὐ δέ εἰ τὰ βασικὰ καπτὰ γένεσθαι κατέστη τὸν Ὀδον, καὶ πάσι τοῖς Σοκρατείοις, αποστέλλεις καὶ δικαιοώντας ὃις Σοκρατεῖος αὐτὸς τα εργανοῦσθο πριν; Νέκταρ δὲ τὸν Νικολᾶν επιμετεῖν τε αὐλοῦτι θερζήν, καὶ κατεξέσθαι, ἀμαρτία δὲ καὶ εἰ εχος ποδεν οὐδειρ αυτῷ ποιεισθαι: κατέταρθεν διῆτα πολλῶν, ὡς ελεγεν, κατειχέσθαι. Οὐ δέ ἔτοιμος αὐτῷ, καὶ τελον εκ αλλαχούσεν ποδεν,

brought immediately, and that from no Letter other place, but from that same consecrated Ground : for the Fountain of SOCRATES's Statue was not far from thence. Now, as he was drinking, NICOLAS, who thought of it only just then, said to him, this is a good Omen that you have sat in the Temple of SOCRATES, and that there you drunk the first Attic Water. Then PROCLUS, rising up and worshipping, proceeded on his way to the City. Here you have an Example in all Forms how the Veneration of dead Men becomes excessive in time; and I have chosen to relate it thus at length, because it was most unlikely to happen to SOCRATES, tho' more deserving it than any other.

II. I SHOU'D never have done,  
SERENA, if I wou'd confirm my  
Opinion by all the Authoritys I cou'd

εξ αυτού δὲ εκείνη τε ἔτες ζωσις εποιεῖ φερόμενα; καὶ  
ταῦτα ποτέ οὐ οὐκ ηγούμενοι της Σοκράτεω σκληροί. Πιονήι δὲ  
αυτῷ συμβολούσι Νικολαος, τούτοις πρώτοις επισκόποις, εἰπεν,  
ότι τῷ Σοκράτειῳ εἴη εὐδυνόθεν, καὶ πρώτοις εκείνου  
Αττικοῖς ὑδατεροῖς πάσι. 'Ο δέ, εὐαγαστός καὶ προσκύνα-  
τος, εἰπειν πολλούς επορθετο. Marin. in vita Procli,  
Cap. 10. Edit. Lond.

H

produce.

Letter produce. Whoever is conversant in the  
III. Learning of the Antients, and con-  
siders the Accounts they have left us of  
their own Original as well as that of  
other Nations, what they have partic-  
ularly written of their Gods, and the  
Reasons of their Deification, can have  
no doubts remaining concerning this  
matter. But 'tis observable, that ac-  
cording to the degrees of Improvement  
any Nation made in Politeness, Lite-  
rature, or Government, the less they  
were addicted to this impious Humor  
of God-making. To give an Instance  
hereof, the Romans deify'd ROMU-  
LUS their first King and Founder; but,  
during those many hundred Years their  
Commonwealth subsisted, they did not  
consecrate one Mortal, tho for Virtue,  
Knowldg, and Valor, they were fur-  
nish'd with more deserving Examples  
than all the World besides. And yet  
as soon as ever their free Republick was  
turn'd into absolute Monarchy, the  
greatest part of the first Emperors  
were deify'd; both JULIUS CÆ-  
SAR the Subverter of their Liberty,  
and the most cruel, leud, or foolish of  
the succeeding Tyrants, with some of  
their Wives, Relations, and Favorites;  
imitating

imitating herein the Custom of Kings Letter  
among the Barbarians, who by such  
Artifices kept their Subjects in per-  
petual Slavery, as not daring to rebel  
against the Gods, or those that were  
in Election to become such. There's  
nothing better known in History, than  
that Princes had Divine Honors paid  
'em after Death by the Egyptians, As-  
syrians, the most antient Greeks, and  
other Nations. Their Queens also,  
their Brothers, Sisters, and other Kin-  
dred, were made Gods and Goddesses;  
and it was always the Interest of the  
succeeding Monarch, to keep up this  
extraordinary Notion of his Race.  
Nay Divine Worship was offer'd to  
many others during their Lives, as well  
as to AUGUSTUS. PLUTARCH, to whom I might add several more  
Authors, relates that ARTABANUS,  
a Persian Lord, said to THEMISTOCLES, then a Fugitive in that Court,  
*'Of the many and good Laws which we  
have, this is the most excellent, to honor*

---

*'Huius de πολλας μην τας καλους αυτου καθ-  
λαυτος ειlos εστι, το γιατις Βεριλεα, και οεστηνει φι-  
κανα θεοι. In Themistocle.*

Letter the King, and to worship the Image of  
 III. God. No body is ignorant how sacred  
 the Ottoman Race is esteem'd; tho this,  
 as we see, cannot always preserve 'em  
 from the Fury of their insolent Guards  
 or of their injur'd Subjects. The Di-  
 vine Right claim'd of late by some  
 Christian Kings, and the unreserv'd  
 and passive Obedience pretended by  
 their flattering Clergy to be due to  
 them, if not a better Expedient to sup-  
 port Tyranny than that of the Hea-  
 thens, yet they were unquestionably  
 intended for the same end and purpose.  
 But the wiser Men grew, the less they  
 believ'd of these things; on the con-  
 trary the more narrowly they watch'd  
 their Princes, the more jealous they be-  
 came of their Liberty and Privileges.  
 Religion and Reason are hated Ob-  
 stacles to Superstition and Error; and  
 CICERO remarks that some Ora-  
 cles ceas'd to give Responses in his  
 time, because People were grown less  
 credulous.

12. HAVING hitherto explain'd  
 and establish'd the Origin of Idolatry,  
 I shall now, M A D A M, conformably  
 to these Principles, assign the Reasons  
 of

of the Heathen Rites, if you'll allow Letter any Reason to be given for Practices in III. many cases very absurd and extravagant. Men thinking to please their God (whoever he was among so many) as they were wont to do while a Prince on Earth, erected magnificent Temples or Palaces, and on sumptuous Tables or Altars they made Feasts or Sacrifices to him ; imagining that he and his Court (principally compos'd of their deceas'd Heroes) did feed on the Blood and Fumes of slaughter'd Animals, and delight their celestial nostrils with snuffing up the Fragrancy of Incense, as they did their sacred Eyes with Pomp and Shows. All the Attendance was suitable to their State and Dignity when living. Solemn Times or Holy-days were set apart from ordinary Labor for the Celebration of the Feast ; and those, whom afterwards they call'd their Priests (whose business was to order the Feast, to serve the Company, and to repeat a Panegyrick in Commemoration of the deify'd Mortal) were clad in splendid Garments, and endow'd with several commodious Privileges, as the Servants of Princes always are : but the chiefest at the be-

Letter ginning were an Exemption from  
III. every other Duty to the Publick, and  
plentiful Salarys assign'd for their  
Livelihood. There was likewise at  
these Feasts, good store of Musick,  
Dancing, Perfuming, Illuminations,  
Bowings, Cringings, Prostrations, and  
every thing besides that is usually im-  
ploy'd to gratify the Senses of the most  
vain or licentious Prince; but cou'd  
never be thought acceptable to any Di-  
vine Being, without placing the Origin  
of Idolatry in the Worship of the Dead,  
which makes such Worship and Cere-  
mony's very accountable.

13. AS they did with the Ministers  
of their Princes, so they must make an  
Interest both with the Courtiers in Hea-  
ven and with the Priests on Earth; not  
only bribing them for their Intercession,  
but if they wou'd not favor, at least not  
to oppose their Petitions: for they were  
commonly of different Factions above  
as well as below. But you must under-  
stand that the Power of these Courtiers  
was of no small moment, the Govern-  
ment and Protection of all Regions and  
Citys, particularly of those where they  
liv'd or govern'd themselves, being dis-  
tributed

tributed among 'em. There was neither Tree nor Plant ; nor Beast, Fish, or Fowl ; nor River, Fountain, nor Hill ; nor almost any other Creature, but was the special Care and Delight of one or other of them, and frequently call'd after their Names, as in their Life-time they happen'd to use, or love, or admire them. This immediate Direction they were thought to have on the Things now mention'd, as well as over the Diseases of the Body and the Passions of the Mind, gave a Reputation and Authority to their pretended Miracles, Apparitions, Divinations, Oracles, and all other Arts of the Cunning, to drain the Pockets of the Credulous.

14. A S for the Sanctuaries and the secret Arks kept in them, with their many mysterious Doings, their Expiations, Purifications, and other ridiculous, profane, or cruel Ceremonys, and all very burdensom ; these, I say, were at the beginning symbolical, representing the true History of the Gods while living on Earth, exhibiting the Reasons of their Deification, and the Arks in particular containing the Emblems, Marks, or Tokens of the whole Fact, as all a-

Letter gree who have look'd into the Heathen  
III. Mysterys. But these things were after-  
wards manag'd by the Priests so as to  
make their imagin'd Intimacy with  
Heaven more valu'd, and to get Re-  
venues settled on themselves, propor-  
tionable to the Laboriousnes and Impor-  
tance of the Service in which they were  
engag'd. Nor did the Multitude of  
the Rites serve a little to amuse and di-  
stract the Vulgar from reflecting on  
matters with more consideration, their  
whole Time being almost employ'd a-  
bout them: besides that they must  
needs entertain a high Opinion of them,  
who cou'd affix Sanctity to Times, Pla-  
ces, and Persons, and to such things as  
were either indifferent in their own Na-  
tures, or seem'd the farthest imaginable  
from being religious. Moreover, there  
was not wanting sometimes a mutual  
Compact between the Prince and the  
Priest, whereby the former oblig'd him-  
self to secure all these Advantages to the  
latter, if he in return would preach up  
his absolute Power over the People, on  
whose well-meaning Understandings he  
cou'd make what Impressions he pleas'd  
at any time.

15. TO the Authority of Princes  
they added their own Inventions about  
Hell (as I shew'd before in this Letter,  
and also in the last I sent you) not con-  
tenting themselves to terrify Men with  
Ice and Flames, deep Mire and Dark-  
ness, they added Vultures, Rolling-  
Stones, Wheels, and Chaiüs; Hydras,  
Centaurs, Harpies, Chimeras, Sphyn-  
xes, Gorgons, Dragons, and a World of  
other Monsters, the Executioners of  
the Princes Tyranny. They told 'em  
also of Ghosts and Specters, Visions  
and Voices, amazing the Vulgar with  
the tremendous Sounds of Tartarus,  
Erebus, the black and roaring Waves  
of

*Styx, Acheron, Phlegethon, Lethe, Co-  
cytus, Avernus;*

with the hideous barking of triple-  
headed CERBERUS, the dogged Sul-  
lennes of CHARON the Ferryman :  
but the inexorable FURYs, ALECTO,  
TISIPHONE, and MEGÆRA, were  
more dreaded by far than PLUTO or  
PROSERPINA, tho Sovereign Go-  
vernors over those infernal Regions.

From

Letter From what I said before about the Origin of Ghosts and Astrology, you may be sure they were addicted to all manner of Divination and Magick, such as ' Augurys and Auspicys, ' Extispicys, ' Necromancy and Necyomancy, ' Pyromancy, ' Psychomancy, ' Nephelomancy, ' Hydromancy, ' Capnomancy, ' Sortileges; with other numberless and superstitious Vanitys, which are continu'd in most parts of the World to this very Time, and which may be found describ'd at large in *V A N D A L E*. We may imagin, from the same Reasons, that they abounded with Witches, Sorcerers, and Fortune-tellers, who, by virtue of a Covenant or <sup>10</sup> Compact with the Dæmons, by their Knowledg of the

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<sup>1</sup> *Divining by Birds and Signs.*   <sup>2</sup> *By the Entrals of Animals.*   <sup>3</sup> *By the Dead and Ghosts.*   <sup>4</sup> *By Fire.*   <sup>5</sup> *By Souls.*   <sup>6</sup> *By the Clouds.*   <sup>7</sup> *By Water.*   <sup>8</sup> *By Smoak.*  
<sup>9</sup> *By Lots, whether in Passages of Books or otherwise.*

<sup>10</sup> *Quis labor hic superis, Cantus Herbasque sequendi  
 Spernendiq; Timor? Cujus Commercia P A C T I  
 Obstrictos habuere Deos? Parere necesse est,  
 An juvat? Ignota tantum pietate merentur,  
 An tacitis valuere minis? Hoc Juris in omnes  
 Est illis superos? An habent hæc Carmina cætum  
 Imperiosa Deum, qui Mundum cogere, quicquid  
 Cogiturn ipse, potest?*   *Lucan. Pharsal. l. 6.*

Stars,

\*



Stars, and by the occult Qualitys of certain Herbs, Stones, barbarous Words, and Charms, and by pricking, or melting, or burying the Images of the Partys concern'd, pretended to make the Gods appear, and to raise the Ghosts of the Dead; to darken the Sun and Moon, and make the Planets more backward, nay to bring down the Stars from the Firmament; to transform themselves and others into various Shapes; to afflict whom they pleas'd with Distempers; procure Love or Hatred; foretel future Events; discover hidden Treasures; spirit away Peoples Corn, or Milk, or other Goods; change little Children in their Cradles; and a thousand more such Pranks, tedious to relate, and impossible for thinking Men to believe. But what the Learned and the Prudent thought of all these Pretenders to extraordinary Knowledg, old ENNIUS will frankly tell you in his rugged Measures.

*I value not one rush a Marrian Augur,*

*Nor*

---

*Non habeo denique nauci Marsum Augurem,*

*Non*

Letter

III.



Nor Country Fortunetellers, nor  
 Town Star-gazers,  
 Nor Juggling-Gypsies, nor yet Dream-  
 Interpreters :  
 For not by Skill or Art are these Di-  
 viners ;  
 But superstitious Prophets, Guessers  
 impudent,  
 Or idle Rogues, or craz'd, or mere  
 starving Beggars.  
 They know no way themselves, yet  
 others would direct ;  
 And crave a Groat of those, to whom  
 they promise Riches,  
 Thence let 'em take the Groat, and  
 give back all the rest.

We may add here the fabulous Storys  
 of the Heathens (much like our modern  
 Tales of Fairy's) concerning their Syl-  
 vans, Fauns and Satyrs ; their Larvæ

Non vicanos Aruspices, non de circo Astrologos,  
 Non Isiacos Conjectores, non Interpretis Somnium :  
 Non enim fuit ii aut scientia aut arte Divini,  
 Sed superstitioni Vates, impudentesq; Harioli,  
 Aut inertes, aut infani, aut quibus Egestas imperat ;  
 Qui sibi semitam non sapiunt, alteri monstrant viam,  
 Quibus divitias pollicentur ab iis Drachmam ipsi petunt,  
 De his divitiis sibi deducant Drachmam, reddant  
 cætera. *Cic. de Divinat, lib. 1.*

and

and Lemures ; their Nymphs of the Letter Seas, Rivers, Fountains, Hills, and Woods, such as the Nereids, Naiads, Dryads, Hamadryads, Oreads, and if there be any more like to these, only fit to scare Women and Children.

III.

16. LET's now return, if you please, to the higher Powers ; for as in Life so after Death they were of several Orders, Gods of the upper, and Gods of the lower Form, the Nobility and Commons, as also <sup>3</sup> intermediate, inferior, and vagabond Dæmons (originally from the Supposition of departed Souls) who had no certain Habitation, but wander'd in the Air, and were constantly sent on Errands, either to carry the Prayers of Men to their Superiors, or to acquaint the World with the Wrath or Favor of the Gods, whereof they were commonly thought to be the Ministers and Executioners, for those Princes had their Armys in Heaven as well as on Earth. But as the

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<sup>1</sup> Dii majorum Gentium.  
<sup>2</sup> Dii minorum Gentium.  
<sup>3</sup> Dii medioxumi, &c.

Letter Heathens sent the best of their Gods to  
III. Heaven, so they recall'd 'em again at  
their Pleasure, confining their Presence  
to some small Chappel, or to the poor  
Idol within that: for they imagin'd  
that many of them liv'd in Tombs or  
wander'd in the Air, before they help'd  
'em to those Accommodations, where  
the Desires of their Petitioners were  
more agreeably heard than in any other  
place. They often fell down before  
the Work of their own Hands, which,  
had it Life or Reflection, ought rather  
to worship them from whose Skill all  
its Excellency had bin deriv'd: but the  
wiser Mice, Swallows, and Spiders made  
very bold with their Statues, notwith-  
standing the virtue of Consecration,  
while silly Men were forc'd themselves  
to protect what they fear'd and ador'd.  
These very Statues are an Argument of  
their human Figure and Original, and  
we know the respect that was paid to  
the Statues, even of living Princes.  
Their Shrines were often visited by the  
most ignorant and devout, who also  
hung the Temples round with Offerings  
and rich Presents, consulted the Oracles  
in all dubious Events, bound them-  
selves by Vows in their Distress, believ'd  
their

their very Dreams to be divinely Letter inspir'd, and made their Religion in III. every respect as troublesom to others as to themselves. From what they practis'd on Earth, there was not a darling Passion or Game of their great Men (such as drinking, wenching, or hunting) but the like were ascrib'd to the Gods. Wherefore we often read of their Amours, Marriages, Rapes and Adulterys ; their Diffensions, Revellings, Quarrels, and Wounds ; their Revenges and Thefts ; their Complaints and manifold Distresses, being sometimes expos'd, at other times imprison'd, and once fairly beaten out of their Cittadel in Heaven by the Giants, to seek in a pitiful manner for shelter on Earth ; all which things demonstrate their Earthly Original. We need not wonder after this to find, that they are always represented in the State wherein they dy'd, and with all the distinguishing Marks in which they liv'd. Thus are some of 'em ever old, and other sever young ; Parents, Children, and Relations ; some lame and blind, of different Colours and Appetites ; some cloven-footed (whence the present vulgar notion of the Devil) some furnish'd with

Letter with Wings, or arm'd with Swords,  
 III. <sup>#</sup> Spears, Helmets, Clubs, Forks and  
 Bows; or drawn in their Chariots by  
 Lions, Tygers, Horses, Sea-calfs, Pea-  
 cocks, and Doves. Now all these  
 things were partly borrow'd from their  
 true History, and are partly allegorical,  
 poetical, and fabulous Disguises of what  
 is no longer perfectly known nor under-  
 stood.

17. *ÆNOMAUS, EUHEME-  
 RUS, LUCIAN, and many other Per-  
 sons who made use of their Rea-  
 son, did fearlesly mock the Deitys for  
 being naturaliz'd of this or that Place,  
 where they exercis'd every one the  
 Trade wherein he excell'd.* Thus  
*APOLLO had an Office of Intelligence,  
 and told Fortunes at Delphos; ESCU-  
 LAPIUS set up an Apothecary's Shop  
 at Pergamus; VENUS kept a noted  
 Baudyhouse at Paphos; VULCAN  
 had a Blacksmith's Forge in Lemnos;*  
 some were Midwives, some Huntresses,  
 and all of them traffick'd where they  
 cou'd: for they us'd, like us Mortals,  
 such as they had formerly bin, when  
 they did not thrive in one place, to re-  
 move into some other more convenient  
 for

for their Business. As all Events were believ'd to be the Effects of their Love or Displeasure, so Men found out several Methods to thank or appease them ; and particularly gave 'em (by way of acknowledgment for the rest) the First-Fruits of all Productions, whether of Animals or Vegetables, with Tythes and other Offerings which they were bound to pay to their Living Princes. Nor was there any thing almost that came amiss in their Sacrifices ; for what was the aversion of one prov'd the delight of another, and some of 'em would be content with nothing under human Victims, an Argument of their bloody Disposition in this World. We often find them highly resenting the Affront (as Princes and Gréat Men use to do) when their Altars were neglected, especially if the People feasted other Gods ; and Men have not less frequently in their Turns reproach'd the Divine Powers with Ingratitude, and even outrag'd their Statues (being sometimes inclin'd to Rebellion) when they thought themselves not sufficiently requited for the rich Presents or Bribes which they gave them.

Letter

III.

18. B U T tho the more learned and virtuous had many times better Notions of Things, yet we find the Sentiments of some of 'em mighty fluctuating and obscure, principally occasion'd by the Persecution that was sure to attend the Truth, or any attempt towards a general Reformation, witness the Death of **S O C R A T E S**. We may observe from **PLUTARCH**, that the true Reason why the Theory of the Stars and Planets was so little, or at least not so generally known, was, that the common People wou'd never endure to hear those things made subject to a Philosophical Examination, or explain'd by the ordinary Laws of Nature, by involuntary Causes, and blind Facultys, while they held 'em to be intelligent, eternal, and immortal Gods. And therefore when **A N A X A G O R A S** discover'd that the Moon had but a bor-

Οὐδὲ λογίθενδος οὐ, αλλ' απορητος ετι καὶ δι' ολιγῶν, καὶ μετ' εὐλαβειας τινθεν πιστεις βαδίζων, καὶ γένη πνευμοντο τες φυσικες καὶ μετεωρολογιας τοτε καλυπτεις, ὥστε αιτιας αλογος καὶ δινυμεις απεργοντες, καὶ κατηναγκασμενα παρη, διατελεοντο το θεον. In vita Niciz.

row'd

row'd Light from the Sun, and so gave Letter the Reasons of its Wax and Wane, such a Doctrine durst not be made publick, but was secretly communicated to very few, and even to them under a Promise of Fidelity. Indeed a great many eminent Persons in Europe and Asia, both understood themselves the Origin of the Religions commonly receiv'd, and sometimes have dar'd to discover their Vanity, Insufficiency, and Imposture to others. But such as at any time thus asserted the Unity of the Deity, and expos'd Superstition, we ought not to reckon for Heathens, by which Expression is properly understood Idolaters who believe a plurality of Gods, and that pretend to have particular Revelations from them, with several sorts of Rites instituted to their Honor as they were thought to act in distinct Provinces, or else to commemorate their particular Actions. The Jews (who thought all the People of the World, but themselves, to be of this kind) usually call'd 'em the Nations, from the Greek whereof we have the word Heathens, and Gentiles from the Latin. All those therefore who had Penetration enough to discover, and Courage to oppose

Letter pose the Folly or Craft of this Theology,  
III. were call'd and reputed Atheists, and  
treated as such by the Multitude at the  
Instigation of the Priests. Several Per-  
sons, especially among the Philosophers,  
were fin'd and imprison'd, some were  
sent into Exile, others judicially sen-  
tenc'd to Death, many torn in pieces by  
the Rabble, and all of them constantly  
branded with Impiety for disbelieving  
the Mysterys, or exposing the Holy  
Cheats of their Times. But no thanks  
are due to the Heathen Priests, that  
fewer Instances of this kind occur a-  
mong them than the Christians: for,  
besides that most of the Heathen Priests  
differ'd little from Civil Magistrates,  
and that many of them did not contin-  
ue in their Office for Life, they were  
likewise in perfect subjection to the  
State: whereas the Christian Priests (ex-  
cept in a very few Protestant Countrys)  
overtop the Government, and are every-  
where absolute Masters of the Under-  
standing of the Laity. In our Discour-  
ses therefore of the Antients, we are to  
ascribe their sound Notions or moral  
Practices to the Light of Reason, where-  
of Heathenism was a notorious Corrup-  
tion. For want of observing this Dis-  
tinction,

tinction, there are infinite Mistakes Letter committed. One rashly maintains III. that Heathenism was a better Foundation for Virtue than Christianity, whereas he ought to have said no more (at most) than that the Law of Nature was often better fulfill'd by Heathens than Christians. Another thinks all those to have bin Idolaters who liv'd when Heathenism prevail'd, than which there cannot be a grosser Error. Can any Man be so stupid as to count CICERO (for example) a Heathen, who, in his admirable Treatises of *Divination* and of the *Nature of the Gods*, has demonstratively subverted their Polytheism, Sacrifices, pretended Revelations, Prophecys, and Miracles; their Oracles, Augurys, Oneirocriticks, Incantations, and all Fopperys of the like sort? MINUTIUS FELIX, TERTULLIAN, and other Primitive Apologists for Christianity, transcrib'd their best Arguments against Heathenism out of these and the like Books, and very often in the same words. ARNONIUS, after doing Justice to others, I 3 maintains,



Letter maintains, that if TULLY's Works  
 III. were read, the Christians need not  
 trouble themselves with Writing; and,  
 after acknowledging that he did with  
 much Ingenuity, Constancy, Boldness,  
 and greater Piety explode the Gods, tells  
 us that many Heathens did for that rea-  
 son not only decry those Books, and  
 avoid reading them; but were also for  
 soliciting the Senate to burn and abo-  
 lish them: whereas, to use the judicious

Quem quidem locum plene jamdudum homines  
 pectoris vivi, tam Romanis Literis explicavere, quam  
 Gracis, & ante omnes Tullius, Romani disertissimus  
 Generis, nullam veritus Impietatis Invidiam, ingenue,  
 constanter, & libere, quid super tali Opinionione senti-  
 ret, pietate cum majore monstravit. A quo si res  
 sumere Judicii veritate conscriptas, non verborum Lu-  
 culentias pergeretis, probata esset & hæc Causa, nec se-  
 cundas (ut dicitur) actiones nobis ab Infantibus postu-  
 laret. Sed quid aucupia verborum, splendoremque ser-  
 monis peti ab hoc dicam, cum sciam esse non paucos  
 qui aversentur & fugiant Libros de hoc ejus, nec in  
 aurem velint admittere Læctionem Opinionum suarum  
 praesumpta vincentem? Cumque altos audient missitare  
 indignanter & dicere, oportere statui per Senatum abo-  
 leantur ut hæc scripta, quibus Christiana Religio com-  
 probeatur, & vetustatis opprimatur auctoritas? Quinimo  
 si fiditis exploratum vos dicere quicquam de Diis vestris,  
 Erroris convincite Ciceronem; temeraria & impia dic-  
 titare, refellitote, redarguite, comprobate: nam inter-  
 cipere scripta, & publicatam velle submergere Læctionem,  
 non est Deos defendere, sed veritatis Testificatio-  
 nem timere, Lib. 3. *adversus Gent.*

words

words of our Author, to suppress those Books, or to prohibit the publick reading of them, was not to defend the Gods, but to fear the Testimony of Truth. I cou'd name a great number of other Persons remarkable for their Valor, Piety, or Justice, who were much farther from being Idolaters than their Accusers; and shou'd no more be denominated Heathens, than those can be now call Mahometans, who, tho living at Mecca, disbelieve the Alcoran. Now, such as will have these to be Mahometans, or those to be Heathens, plainly show their Ignorance of what is meant by the Words, or that they perceive not the Distinction between the Law of Nature and all positive Institutions.

19. TO be short, MADAM, the Religion of the Gentiles (as contrary or superadded to the Light of Reason) is such as cou'd not influence Virtue or Morality very much in this Life, nor afford any certain Hopes or Security against the Terror of Death. 'Tis true, there were many among the Heathens, who, loath to believe their Religion so groundless and ridiculous as

Letter III. it seem'd to appear, especially from the Descriptions of the Poets, wou'd have their numberless Gods to be nothing else but the various Appellations, Attributes, or Provinces of some one Being, whether it were the Sun, or BACCHUS, or any God besides, of whom they had a better Opinion. Legislators did put the best face they cou'd upon the matter, and, without anxious Inquiry into the Truth or Falshood of things, they approv'd of all that contributed to keep Mankind in order, that excited 'em to Virtue by Example and Rewards, that deter'd 'em from Vice by Punishments and Disgrace. But others, as the well-meaning Philosophers, allegoriz'd all their Doctrins into mere natural things, wherein the Deity manifests his Efficacy, Bounty, or Goodness; from which threefold Consideration proceeded the famous Distinction of their Poetical, Political, and Philosophical Theology. Yet the more discerning Persons laught at these Shifts, well knowing that it was impossible to make any tolerable Apology for most of their Fables. CICERO therefore condemns the Stoicks for pretending that all the Greek Theology was mysterious,

mysterious. First ZENO, says he, Letter after him CLEANTHES, and then ~~III~~ ~~III~~ CHRYSISSUS, were at great pains to no purpose, to give a reasonable Explanation of commentitious Fables, and to account for the Etymology of the very Names of every God: which proceeding plainly shows that they believe not the Truth of these things in the literal sense. However, to give a Specimen of their Allegorys, they made JUPITER and JUNO, to signify the Air and Clouds; NEPTUNE and THETIS, the Sea and Flouds; CERES and BACCHUS, the Earth and all its Productions; MERCURY and MINERVA, the ingenious Talents of the Mind, as Learning, Merchandise, Arts, or the like; CUPID and VENUS, our earnest Desires and amorous Inclinations; MARS and BELLONA, Dissensions and Wars; PLUTO and PROSERPINA,

---

Magnam molestiam suscepit, ac minime necessariam, primus Zeno, post Cleanthes, deinde Chrysippus, commentitiarum fabularum reddere rationem: vocabulorum, cur quique ita appellati sint, causas explicare. Quod cum facitis, illud profecto confitemini, longe afer tem se habere atque hominum opinio sit.  
De Nat. Dier. l. 3.

Mines,

Letter Mines, Treasures, and whatever lies  
 III. conceal'd under ground. So they pro-  
 ceed to explain away the rest of the  
 Gods; and, as Allegorys are as fruitful  
 as our Imaginations, scarce any two  
 Authors cou'd wholly agree in their  
 Opinions. But supposing the Truth  
 of the matter had bin as any or all  
 of 'em wou'd have it, yet their Re-  
 ligion was not a whit the better, and  
 deserv'd to be abolish'd; since, what-  
 ever were the Speculations of a few  
 among the Learned, 'tis evident that  
 the Vulgar took all these to be very  
 real Gods, of whom they stood in  
 mighty fear, and to whom they paid  
 Divine Adoration: not to insist on the  
 Trouble and Expensiveness of their  
 Rites, or the Cheats and Dominion of  
 the Priests. This was clearly perceiv'd  
 by CICERO, who, enumerating the  
 several kinds of the Heathen Gods,  
 From another Reason, 'says he, and in-  
 deed a physical one, has proceeded a great  
 multitude of Gods, which, being intro-

---

Alia quoque ex ratione, & quidem physica, magna  
 fluxit multitudo Deorum, qui, induiti specie humana,  
 fabulas Poetis suppeditaverunt, hominum autem vitam  
 superstitione omni refererunt. *De Nat. Deor. I. 2.*

duc'd

duc'd under human Shape, have supply'd the Poets with Fables, but at the same time have fill'd the Life of Men with all sorts of Superstition. The same may be as truly said of the modern Saints and Images : for notwithstanding the nice Distinctions of supreme and absolute, of inferior and relative Worship ; all the common People are downright gross Idolaters ; and as to the multitude of their Observations, the Impostures or Power of their Clergy in the places where this Worship is establish'd, the Superstitions of the whole World put together wou'd, in respect of them, make a very easy and tolerable Religion. Nor ought we to forget that this new Idolatry of the Christians is altogether grounded, as that of the antient Heathens, on the excessive Veneration of dead Men and Women ; but improv'd by degrees to such a pitch by the Artifices of the Priests, who allure others by this example to follow their Directions, which always tend to the Increase of their own Glory, Power, and Profit.

Letter

III.

20. THE present Heathens, who inhabit the greatest part of Africa, vast Tracts of Asia, almost all America, and some few Corners of Europe, agree very much with the Antients in their Opinions, which is the reason that I have hitherto omitted some things I mention under this Head, to avoid Repetition. But they disagree among themselves in different places, as the Antients did. They have their several Cosmogonias, or Accounts of the Creation of the World ; and their Theogonias, or Genealogys of the Gods, whom some hold to be coequal, others subordinate, some to be all good, others again to be all bad : and many that there are two sovereign Principles of Good and Ill, such as the OROMA-  
ZES and ARIMANES of the old Chaldeans : nor are there wanting who maintain the Divine Unity, sometimes with, and sometimes without inferior Ministers ; as there be who assert the Eternity and Immensity of the Universe, and that all things happen by an irresistible Decree of Fate. Their Sentiments are as different about Providence, the Duration of the World,

World, and a future State; whether Letter the Soul be immortal, is confin'd after Death to any certain Mansions, or transmigrates out of one Body into another, this last being the most prevailing Opinion. They diversify their Sacrifices with numberless Rites, and Ceremonys, one Nation worshipping that Animal wherof another makes an Offering to its God; and one Man religiously using that Gesture or Garb, which another rejects, as unbecoming and profane: for as JUVENAL observes of the old Egyptians,

*Such is the Madness of the thoughtless Mob, that each of them*  
*Each place abhors the Deitys of*  
*others, and own no Gods but what themselves*  
*doe adore.*

They perform Divine Service on the Tops of Hills, in the open Air, or in Temples, and Groves, or Caves.

*Inde furor vulgo, quod Numinia vicinorum*  
*Odit uterque locus, cum solos credit habendos*  
*Esse Deos, quos ipse colit. Sat. 15.*

They

Letter III. They believe good and bad Demons, and guardian Powers of Places and Men. They have several subordinate Degrees of Priests and Priestesses, Colleges in many parts for their Education, and religious Houses for their Maintenance. They have their sacred Books, Traditions, and Images ; pretended Miracles, Prophecys, Revelations, and Oracles ; Sorcerys, Augurys, Sortileges, Omens, and all sorts of Divination. As they have their Merry-meetings where they eat and drink, sing and dance before their Gods ; so they have their more melancholy Seasons, when they not only mortify themselves with strange Austeritys of Fasting, Abstinence from Women, coarse Habits, long Pilgrimages, or other laborious Penances : but they also burn and whip, and cut and slash their Bodys in a most cruel manner ; vainly imagining to honor or please the Deity by such things as do themselves real hurt, and no body else any good. When the Unintelligibleness or Absurdity of any of their Practices or Doctrins is objected to them, they presently tell you that nothing is impossible

possible to the higher Powers, and Letter  
that these are Mysterys neither to be. III.  
fathom'd or examin'd by the finite   
Understanding of Man ; as may be  
read in almost all the Travels of all  
Nations.

21. HAVING given this sum-  
mary Account, SERENA, of an-  
tient and modern Heathenism, we  
may remark that almost every Point  
of those superstitious and idolatrous  
Religions are in these or grosser Circum-  
stances reviv'd by many Chris-  
tians in our Western Parts of the  
World, and by all the Oriental Sects :  
as Sacrifices, Incense, Lights, Images,  
Lustrations, Feasts, Musick, Altars,  
Pilgrimages, Fastings, religious Cel-  
ibacy and Habits, Consecrations, Divi-  
nations, Sorcerys, Omens, Presages,  
Charms, the Worship of dead Men  
and Women, a continual Canoniza-  
tion of more <sup>many</sup> Mediators between God  
and Men, good and evil Dæmons,  
guardian Genius's, Male and Female  
tutelar Powers to whom they dedicate  
Temples, appoint Feasts and peculiar  
Modes of Worship, not only can-  
toning all Places among 'em, but  
likewise

Letter likewise the Cure of Diseases, and  
 III. the disposal of every thing which  
 Men are glad to want or enjoy. These things, I confess, are not observ'd in all places alike; yet more or less in every place, and rivetted by Education where they are not establish'd by Law. But how little right these have to the Denomination of Christians, who defend the very things which JESUS CHRIST went about to destroy, is evident to all them who don't consider Christianity as a politick Faction or a bare Sound; but as an Institution design'd to rectify our Morals, to give us just Ideas of the Divinity, and consequently to extirpate all superstitious Opinions and Practices. In plain and proper Terms this is Antichristianism, nothing being more diametrically repugnant to the Doctrine of CHRIST; and as far as any is tinctur'd with it, so far he is a Heathen or a Jew, but no Christian.

22. THIS Reflection is a Tribute due to Religion and Truth; nor, in my opinion, is the gratifying of mens Curiosity a sufficient Recommendation

to

to any Disquisitions, without some general Instruction naturally conduced to Wisdom or Virtue. And indeed this whole Dissertation, M A D A M, is a memorable Proof and Instance to what an astonishing degree of Extravagance human Nature is capable of arriving; and that in all times Superstition is the same, however the Names of it may vary, or that it may have different Objects, or be greater or less in degrees, as any Country has more or less Liberty of Conscience and free Speech! But if any shou'd wonder how Men cou'd leave the direct and easy Path of Reason to wander in such inextricable Mazes, let him but consider how in very many and considerable Regions the plain Institution of JESUS CHRIST cou'd degenerate into the most absurd Doctrins, unintelligible Jargon, ridiculous Practices, and inexplicable Mysterys: and how almost in every corner of the world Religion and Truth cou'd be chang'd into Superstition and Priestcraft. In a word, the Subject of this long Letter is elegantly comprehended in those four Lines which are in every body's mouth:

Letter

III.

Natural Religion was easy, first and plain,  
 Tales made it Mystery, Offerings made it Gain;  
 Sacrifices and Shows were at length prepar'd,  
 The Priests ate Roast-meat, and the People star'd.

I am afraid, by the time you come thus far, you'll be as weary of reading as I am now of writing; and therefore, MADAM, for both our Ease I shall add no more on this occasion, but that I shall continue all my Life your most sincere and obedient Servant.

LETTER

XV.

## LETTER IV.

*To a Gentleman in Holland,  
showing SPINOSA's System  
of Philosophy to be  
without any Principle or  
Foundation.*

YOU guess very right, SIR, when you fancy that in so charming a Retirement, I enjoy the most perfect Happiness this Earth can possibly afford, *Health of Body and Tranquillity of Mind*. Besides the Purity of the Air, this Country abounds in all manner of Game; and my Neighbors seem wholly unacquainted with any other Fraud or Violence, than what they use against Wild Beasts, Fowl,

Letter Fowl, and Fish. You cannot read in  
 IV. their Looks (as in those of your tattling  
 and busy Citizens) the good or bad  
 Success of Fleets and Armys: they  
 know as little of foreign Affairs, as of  
 what passes in the Planetary Worlds;  
 and if sometimes they inform them-  
 selves about the State of things at  
 Court, 'tis not to learn who is in fa-  
 vor or disgrace, who is to be next in  
 or out of the Ministry; but to know  
 how the publick Good of the Nation  
 is manag'd, how its Security, Wealth,  
 and Power are preserv'd. Whoever is  
 able and active to promote these ends,  
 him they esteem their best Friend;  
 nor can the Name or Pretence of  
 any Party make them become his  
 Enemys.

2. BUT, Sir, I cannot easily for-  
 give your fearing that any thing  
 which comes from you shou'd disturb  
 my Repose among such innocent People,  
 every Letter you write being as agree-  
 able and instructive as their Conver-  
 sation is plain and sincere. Your mag-  
 nificent Expressions in praise of S P I-  
 N O S A I cannot blame, no more than  
 the excessive Encomiums which L U-

C R E T I U S

CRETIUS took all opportunitys to heap on EPICURUS: for so long as in your Opinion he passes for so extraordinary a Person, so much above the common rate of Mankind, and so happy above all Philosophers in his Discoverys, you cannot in justice speak less than you have done, and, were you a Poet, you wou'd raise your Strains yet higher.

3. FOR my part, I shall always be far from saying that SPINOSA did nothing well, because in many things he succeeded so ill. On the contrary, he has had several lucky Thoughts, and appears to have bin a Man of admirable natural Endowments, tho his share of Learning (except in some parts of the Mathematisks, and in the understanding of the Rabbins) seems to have bin very moderate. I grant you likewise that he was truly sober, observant of the Laws of his Country, and not possest with the sordid Passion of heaping up Riches: for there's nothing more undeniable from antient History and present Experience, than that as the Professors of Truth are not always the greatest

Letter, Saints, so Men of erroneous Principles,  
 IV. have often led excellent Lives; and you  
 know that Monsieur BAILE, in his  
*various Thoughts upon Comets*, has mani-  
 festly prov'd that even Atheism does  
 not necessarily lead a Man to be wicked,  
 tho he acknowledges withal that the  
 Considerations of Safety, Reputation,  
 and Interest, are not such effectual  
 Restraints against Immorality, as the  
 Doctrins of Religion. I further agree  
 with you that SPINOSA's Adversa-  
 rys have gain'd nothing on his Dis-  
 ciples by the contumelious and vilifying  
 Epithets they bestow on his Person for  
 the sake of his Opinions; which shame-  
 ful little Artifices are only fit for the  
 Patrons of Error, being contrary to  
 Religion as well as to common Civility,  
 and may well enrage a superstitious  
 Mob, but can never impose on Men of  
 Sense, who judg of things as they are  
 in themselves, and not as represented  
 to them by passionate and unjust Anta-  
 gonists.

4. DON'T imagine, Sir, that I  
 express this Moderation either out of  
 Complaisance to the Respect you bear  
 to the Memory of SPINOSA, or that

I am now more convinc'd of his Opinions than you formerly us'd to find me: for after this manner it is that I think all Men in the World ought to be treated in matters of mere Speculation, leaving their immoral Actions (if they be guilty of any) to the Care of the Law, and the Animadversion of the Magistrate. But I am so far from being a Proselyte to those Points whereof you and I have discours'd at your House, that I am persuaded the whole System of SPINOSA is not only false, but also precarious and without any sort of Foundation. I do not mean that there are no incidental Truths in his Book, no more than that there are no mistakes carelessly crept into those that are better: but I maintain that no such thing follows from his System, which if it be gratuitous and without any Principles, cannot serve to explain any past or future Difficultys, nor to give better Reasons for what we commonly receive.

5. LET him have bin never so honest a Man, yet I suppose you'l not exempt him from many human Frailty's to which the best are subject: and I am inclin'd to suspect that his chiefest

Letter Weakness was an immoderate Passion  
 IV. to become the Head of a Sect, to have  
 ~~~~~ Disciples and a new System of Philosophy honor'd with his Name, the Example being fresh and inviting from the good Fortune of his Master  
C A R T E S I U S. I do not make this Conclusion from his frequent use of such Expressions as *my Philosophy*, or *our System*, and the like: nor wou'd I have every man accus'd of this Affectation who makes some particular Discoverys, or who even changes the whole Face of Philosophy, and introduces a Method absolutely new; for such Persons may without all question be act'd by no other Motives besides the Love of Truth and the Benefit of the Society, nor will they reject any thing but what they really conceive to be hurtful, erroneous, or unprofitable. **S O C R A T E S**, notwithstanding the mighty Reformation he made in Philosophy, was never suspected to aim at being the Head of a new Sect; and **C I C E R O** very truly observes that his Disciples multiply'd their Contests, divided into Partys, and spoil'd his Doctrin when they did not in their own Country, they

they form'd it into a System, by which Letter they pretended, no doubt, to explain a thousand things whereof Socrates never thought, and to which we find they reduc'd even those airy Speculations which he discarded as useless to Life, expensive of Time, of no concern to the World, and never to be comprehended.

6. BUT when a Man builds a whole System of Philosophy either without any first Principles, or on a precarious Foundation: and afterwards when he's told of this Fault, and put in mind of the Difficultys that attend it, yet neither supplies that Defect, nor accounts for those Difficultys by any thing he has already establish'd, nor yet acknowledges his Mistake; we may reasonably suspect that he's too much in love with his new World (for such is a System of Philo-

• Illam autem Socraticam Dubitationem de omnibus rebus, & nulla adhibita affirmatione consuetudinem differendi, reliquerunt. Ita facta est differendi (quod minime Socrates probabat) ars quædam, Philosophiæ & rerum ordo, & descriptio disciplinæ. Academic. *Quest. 4. 1.*

sophy)

Letter sophy) ever to admit of a better Creator: whereas a Person that proposes no other view but the manifesting and propagating of Truth, and that cannot rest satisfy'd with Fancys or Conjectures, wou'd in such Circumstances be nothing ashame'd to confess and amend his Error.

7. NOW let's examine whether SPINOZA be guilty of the Charge I have drawn up against him. I shall fairly alledg my Proofs, and leave your self to be Judg, tho you seem so highly prepossess'd in his favor. I need not prove to his greatest Admirer that he acknowledges but one Substance in the Universe; or that, the Matter of all the things in the Universe is but one continu'd Being, every where of the same nature, however differently modify'd, and endu'd with unchangeable, essential, and inseparable Attributes. Of these Attributes (which he supposes eternal as well as the Substance to which they belong) he reckons Extension and Cogitation to be the most principal; tho he supposes innumerable others which he has not bin at the pains to name.

name. He has no where so much as Letter insinuated that Motion was one of them; or if he had, we shou'd not have believ'd it on his word, nor without more convincing Arguments than he has given that every Portion, and Particle of Matter always thinks: for this is contrary to Reason and Experience, both which demonstrate the Extension of Matter. Whatever be the Principle of Thinking in Animals, yet it cannot be perform'd but by the means of the Brain. We Men are conscious of no Thoughts, while the Functions of the Brain are suspended; we find our selves to think there, and there only; and we observe no signs of Thought in any things that want a Brain, whereas every Creature that has one, seems to show some degree of Thinking by its Actions. As for his Subtiltys to prove under pretence of Reason what is thus rejected by Experience, I may send you my Thoughts about them another time: for it is not my present Design to confute all his Errors one by one, but to show that his whole System is altogether groundless, which at one stroke destroys whatever is built upon it.

Letter

IV. 8. WE agree on every side that the perpetual Changes in Matter are the Effects of Motion, which produces an Infinity of different Figures, Mixtures, and sensible Qualitys. But we must distinguish between local Motion and the moving Force or Action : for local Motion is only a Change of Situation, or the successive Application of the same Body to the respective Parts of several other Bodys ; so that this Motion is nothing different from the Body it self, nor any real Being in Nature, but a mere Mode or Consideration of its Situation, and the Effect of some Force or Action without or within the Body. Tho the ordinary Rules of Motion are but Observations learnt from the Experience of what commonly passes in local Motion, or probable Calculations deduc'd from such Observations ; yet the Action or moving Force is likewise often call'd by the name of Motion, and thus the Effect is confounded with the Cause, which has occasion'd a world of Perplexitys, and Absurditys. But all those who have treated of the Diversitys that happen in Matter, must have meant this

R. W. 18

*

Action

Action as their Cause, or labor'd to Letter no purpose: for this being once explain'd, we can easily account for local Motion as its Effect, and not otherwise. The Mathematicians generally take the moving Force for granted, and treat of local Motion as they find it, without giving themselves much trouble about its Original: but the Practice of the Philosophers is otherwise, or rather ought to be so.

IV.

9. WHOEVER then goes about to explain by their first Causes the Origin of the World, its present Mechanism, or the Affections of Matter, must begin with the first Cause of Motion: for no manner of Variety is included in the bare Idea of Extension, nor any Cause of Alteration; and seeing it is Action alone that can possibly produce any Change in Extension, this Action or Principle of Motion must be well clear'd and establish'd, or the System must quickly be found defective. If it be only taken for granted, the System will be but a Hypothesis; but if prov'd and explain'd, then we may expect to find some greater Certitude than hitherto in natural Philosophy.

It

Letter It is not enough then to build on local
 IV. Motion, which, as we said before, is
 but an Effect of this Action, as well as
 all the other Varietys in Nature: so
 is Rest, which is now generally ac-
 knowledg'd to be no Privation nor a
 State of absolute Inactivity, as much
 Force being necessary to keep Bodys
 at rest as to move them; where-
 fore local Motion and Rest are only
 relative Terms, perishable Modes, and
 no positive or real Beings.

10. IT IS hard to determine what
 were the true Opinions of the most
 antient Sages of Greece; but the genera-
 lity of Philosophers every where
 since. ANAXAGORAS have laid down
 as a Principle, that Matter being of it
 self inactive, a dull and heavy Lump,
 the Divinity (which was acknowledg'd
 distinct from this Matter) communi-
 cated Motion to it, tho' after a man-
 ner exceeding human Comprehension.
 Hence they proceed to show what Di-
 visions this Motion made in Matter,
 what Particles of different Bulk and
 Figure thence were form'd; and how
 the Universe (I will not say how well)
 and all the Parts thereof came into their
 present

present State. SPINOSA, on the contrary, acknowledges no Being separate or different from the Substance of the Universe, no Being to give it Motion, to continue or to preserve it, if it has none of its own. He builds on all the common Notions about local Motion, without ever showing any Cause of it; being not willing to allow the Impulse of a presiding Deity, and unable (as you'll presently perceive) to produce a better, or as good a Reason. Yet he was of opinion that Matter was naturally inactive: for in the second part of his *Ethicks* or System, Proposition the thirteenth, Axiom the first, he says in express terms, '*All Bodys are either in motion or at rest.*' And to let you see that he did not mean respective Rest, or the Resistance of other Bodys, in the Demonstration of the second Lemma he further affirms, that '*all Bodys may sometimes be absolutely mov'd, and sometimes be absolutely at rest.*' There can be nothing more positive: yet if any or all

Omnia Corpora moveantur vel quiescant.

• *Omnia Corpora — absolute jam moveri, jam quiescere possunt.*

IV. Letter the Parcels of Matter may be in absolute Rest, they must ever persist in that State without some external Cause to put 'em in motion, and this Cause he has no where assign'd ; besides that all Matter may be inactive, if any part of it can ever be so.

11. SPINOSA¹ has no where in his System attempted to define Motion or Rest, which is unpardonable in a Philosopher, whether done with or without design ; and yet according to himself in his *Ethicks*, *Motion and Rest are the Causes of all the Diversitys among Bodys*, thence *proceeds the distinction of particular Bodys*, and *an Infinity of things proceed from Motion and Rest*. In prosecuting this Subject I shall alledg nothing out of his other

¹ Corpora ratione motus & quietis, celeritatis & tarditatis, & non ratione substantiæ ab invicem distinguuntur. *Lem. 1. ante Prop. 14. Part. 2.*

² Corpora res singulæ sunt, quæ ratione motus & quietis ab invicem distinguuntur. *Demonstrat. Lem. 3. ante Prop. 14. Ibid.*

³ Non tamen propterea Deus magis dici potest ex libertate voluntatis agere, quam propter ea quæ ex motu & quiete sequuntur (infinita enim ex his etiam sequuntur) dici potest ex libertate motus & quietis agere. *Corol. 2. Prop. 3. Part. 1.*

Books: because that in his *Tractatus Theologico-Politicus*, he has had no occasion to treat of these matters; and that in one of his *Epistles* he declares himself not answerable for any thing in his *Demonstration of Cartesius's Principles*; and this he oblig'd MEYER the Publisher to tell the world in the Preface of the Book, which he has accordingly done: for he compos'd that Work at the request of one of his Disciples, and built his Demonstrations on Cartesius's Definitions, Postulates, and Axioms, which are suppos'd but not believ'd to be true. So that the *Ethicks* (to which Title he has reduc'd all his Philosophy) is his real System, wherein and in his *Letters* his genuine Sentiments of Philosophy are only to be found. After dealing thus fairly with him (which is no more than Justice requires) there's no need of shewing by Inferences that he did not hold Motion to be an eternal Attribute of Matter; which if he had done, we cou'd not have believ'd it without good proof: I say, we are spar'd these pains, since he expressly asserts the contrary, and he was surely best able to acquaint us with his own Opinion. In his first Letter

Letter to OLDENBURG, whereby he
 IV. communicates to him some part of his
 ~~~~~ Ethicks, thus he writes. You must  
 take heed that by Attribute I understand  
 every thing that is conceiv'd by it self and  
 in it self, in such a manner as that the  
 Conception of it does not involve or sup-  
 pose the Conception of any other thing;  
 as Extension, for example, is conceiv'd by  
 it self and in it self, but Motion not so;  
 for it is conceiv'd to be in another thing,  
 and the Conception of it involves Ex-  
 tension. This is extremely plain and  
 peremptory; nor shall we examine at  
 present how true or false it may be of  
 Extension, which is but an abstracted  
 Idea, and no more conceivable without  
 a Subject than Motion is.

12. SPINOSA then, who values  
 himself in his Ethicks on deducing  
 things from their first Causes (which  
 the Schoolmen term *a priori*) SPINO-

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Ubi notandum me per attributum intelligere omne  
 id quod concipitur per se & in se, adeo ut ipsius Con-  
 ceptus non involvat Conceptum alterius rei: ut, ex. gr.  
 Extensio per se & in se concipitur, at Motus non item;  
 nam concipitur in alio, & ipsius Conceptus involvit Ex-  
 tensionem.

S A,

SA, I say, having given no account Letter  
how Matter came to be mov'd or Mo- IV.  
tion comes to be continu'd, not allow-  
ing God as first Mover, neither prov-  
ing nor supposing Motion to be an  
Attribute (but the contrary) nor in-  
deed explaining what Motion is, he  
cou'd not possibly show how the Di-  
versity of particular Bodys is recon-  
cilable to the Unity of Substance, or to  
the Sameness of Matter in the whole  
Universe: wherefore I may safely con-  
clude, that his System is intirely pre-  
carious and without any sort of ground,  
indigested and unphilosophical. But  
lest your Affection shou'd bias you to  
think that such a great Man cou'd not  
stumble so at the Threshold, and that  
he has somewhere supply'd this enor-  
mous Defect tho' it might escape my  
Observation, I hope you'll believe his  
own Words to a Person who wou'd not  
implicitly swear to his Philosophy, but  
whose Difference of Opinions did pro-  
bably make as little Difference in their  
Affections as in yours and mine. 'Tis  
a very remarkable thing by what De-  
lays, Shifts, and Excuses he wou'd  
avoid solving the Objections that were  
made to him on this Head, which

Letter<sup>4</sup> keeps me still in the Belief that he cou'd not bear to part with his System; nor to lose the hopes of heading a new Sect.

1113. B U T be this how it will (for we ought to be reserv'd in divining the Thoughts of the Dead) the Author of the sixty third Epistle in his *Posthumous Works* presses him by a very sensible and modest Request, of which, without a good Answer, overthrows, as we have prov'd, the whole Fabrick of his Philosophy. If you have leisure, says his Friend, and that opportunity permits, I humbly beg of you the true Definition of Motion, as well as the Explication of that Definition: and after what manner (since Extension, as consider'd in it self, is indivisible, immutable, &c.) we can show a priori how such and so many Varietys cou'd begin, and by consequence the Existence of Figures in the Particles of any Body, which

¶ Sf otium est & occasio finit, a te submisso peto  
lyeram Motus definitionem, ut & ejus explicationem;  
atque qua ratione (cum Extensio, quatenus per se  
concipitur, indivisibilis, immutabilis, &c. sit) a priori  
deducere possimus, tot tamque multas quiri posse varie-  
ties, & per consequens Existentiam figuræ in parti-  
culis

yet in every Body are various and different Letter, I  
from the Figures of the Parts, which con- IV.  
stitute the Form of another Body. Well; what says SPINOSA? or does he direct him to any place where this is already done to his hand? Far from it; for in the following Epistle he replies, in these words: *'Now for the rest, that is to say, concerning Motion, and such things as relate to Method, because they are not yet written in Order, I keep 'em till another opportunity.* His Friend, who wou'd not be put off so slightly, and whose Thirst after Knowledg made him wait with Impatience, brings him again in mind of this Difficulty in the sixty ninth Epistle: *'I cannot without great difficulty conceive, says he, how a priori can be prov'd the Existence of Bodys which have Motions and Figures;*

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culis alicujus Corporis, quæ tamen in quovis Corpore varie & diversè sunt a figuris partium quæ alterius Corporis formam constituant.

<sup>1</sup> Cæterum, de reliquis, nimirtum de Motu, quæque ad methodum spectant, quia nondum ordine conscripta sunt, in aliam occasionem reservo.

<sup>2</sup> Difficulter admodum concipere quo, qui a priori Corporum existentia demonstretur quæ Motus & Figuras habent; cum in extensione, rem absolute considerando, nil tale occurrat.

Letter since in Extension, considering it by it self, nothing like these occurs. To this SPINOSA answers without any Ex- plication in the following Letter: 'It is not only difficult, as you say, but altogether impossible to demonstrate the Existence of particular Bodys from Extension, as CARTESIUS conceives it, that is to say, an inactive Bulk: for Matter that is at rest will as much as in it lies continue in its rest, nor can it be excited to Motion but by a more powerful external Cause; and for this reason I did not hesitate formerly to affirm that CARTESIUS's Principles of natural things were useless, I will not say absurd. The other, who knew well enough that SPINOSA did not admit of any external Cause, tho his System (which was finish'd before) had not then appear'd, prays him with

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Ex Extensione, ut eam Cartesius concipit, molesti-  
se licet quiescentem, corporum Existentiam demonstrare  
non tantum difficile, ut ait, sed omnino impossibile  
est: Materia enim quiescens, quantum in se est, in  
sua quiete perseverabit, nec ad motum concitatatur  
nisi a Causa potentiori externa; & haec de Causa  
non dubitavi olim affirmare rerum naturalium  
Principia Cartesiana inutilia esse, ne dicam ab-  
surdia.

more

more earnestness than ever to speak his Thoughts without all disguise, for here he shelters himself under common Expressions. I wish, says his Friend in the one and seventieth Letter, that you wou'd be pleas'd to gratify me in this particular, by telling me how the Variety of things can be shewn to proceed from the Conception of Extension according to your Notions, since you mention'd CARTESIUS's Opinion, in which he affirms to be able no other way to deduce this from Extension, but by supposing it to have bin produc'd therein from a Motion imprest by God. CARTESIUS therefore in my Judgment deduces the Existence of particular Bodys not from quiescent Matter, except the Supposition of God as Mover goes for nothing with you, since you have not

your

<sup>1</sup> Velim ut in hac re mihi gratificeris, indicando, qui ex conceptu Extensionis secundum tuas Meditationes varietas rerum a priori possit ostendi, quandoquidem meministi Opinionis Cartesianæ, in qua Cartesius statuit se eam ex Extensione nullo alio modo deducere posse, quam supponendo motu a Deo excitato hoc effectum fuisse in Extensione. Deducit ergo iuxta meam Opinionem corporum Existentiam non ex quiescente materia, nisi forte suppositionem motoris Dei pro nihilo haberet, quandoquidem, qui illud ex

Letter your self demonstrated how it shou'd necessarily follow from the Essence of God  
 IV. a priori; which, **CARTESIUS** going about to shew, he believ'd it to exceed all human Comprehension. Wherefore I intreat this thing of you, well knowing you have other Thoughts, unless perhaps there be some culpable occasion that has hitherto kept you from making this Matter plain. This Person has done Justice to **CARTESIUS**; for tho his System is at best but an ingenious Philosophical Romance, yet he was never so careless or inaccurate as to think of deducing the Variety and Difference of particular Body's from mere Extension, and therefore suppos'd God at the beginning to have given a shake to the lazy Lump, from which his Matters of the first, second, and third Elements successively existed, and from these, after his manner, the Disposition of the whole Universe. But **SPINOSA** neither supposing the

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essentia Dei a priori necessario sequi debeat, abs te non sit ostensum, id, quod Cartesius ostensurus, Caput humanum superare credebat. Quare a te hanc rem requiro, sciens bene te alias Cogitationes habere, nisi alia sonica sub sit forte causa, quare illud hactenus manifestum facere nolueris, &c.

same

same Principle, nor establishing any Letter other to explain the Varietys of particular Bodys in the Identity of Substance, you'll own, I doubt not, that without any Artifice, Passion, or Interest, I have clearly prov'd what I undertook to you, that his Philosophy is built on no certain or probable Foundation, but on gratuitous Suppositions, from which he deduces what he and his Followers call Demonstrations. He was accustom'd to this way of pretending to demonstrate things in a Geometrical Method, tho he knew 'em to be false, since thus he had before demonstrated **CARTESIUS**'s Principles. But that very Work is a memorable Example how easily People may be deceiv'd by this Method (tho in it self absolutely certain) if they are not us'd to make long Deductions without missing one Link in the Chain, if they take any thing for self evident which needs it self to be prov'd, or any thing for prov'd from the Authority of others or their own Prepossessions. But to return to his Friend, all the Answer he receiv'd to his last Intreaty was in general words; for in the two and seventieth Epistle, SPINOSA after rejecting

Letter rejecting CARTESIUS's Definition of Matter, thus bespeaks him: 'What you desire of me, whether the Variety of things can be demonstrated a priori from the mere Conception of Extension, I think I have already shown this to be impossible, and that consequently Matter was not defin'd by CARTESIUS from Extension; whereas it ought to be necessarily explain'd by some Attribute, which expresses an eternal and infinite Essence. But, if I live, perhaps I may some other time deal more plainly with you about these matters: for I have not bin able hitherto to dispose any thing in order about them. We do not find that he ever did so about Motion, which makes it the more inexcusable, because, altho his *Eshicks* were compleat-ed at this time, yet he might change, add, or take away what he wou'd,

Quod petis, an ex solo Extensionis conceptu rerum varietas a priori possit demonstrari, credo me jam satis clare ostendisse id impossibile esse, ideoque materiam a Cartesio male definiti per Extensionem; sed eam necessario debere explicari per Attributum, quod aternam & infinitam Essentiam exprimat. Sed de his, forsitan aliquando, si vita suppetit, clarius tecum agam; nam huc usque nihil de his ordine disponere mihi licuit.

143

since

since the Book was not publish'd till after his Death. Neither cou'd Motion be the Attribute he means here, having directly declar'd the contrary before, and nothing appearing to favor this Notion in all his Works.

14. I NEED not require a better proof that Men of the greatest Candor and Judgment may be in many things seduc'd by Prejudice, since you never perceiv'd this Flaw, my Friend; and that you ever extoll'd SPINOSA, for demonstrating all things *a priori*. On the contrary, in your Letter to me of the Tenth Instant, you much insist on the Difficultys which accompany the common Systems of Motion, taking it, I suppose, for granted that your Hero had mended the matter, which you see he never did. To take my leave of him therefore, and to apply my Discourse to your self, it is notorious that most of those Difficultys you mention, proceed from Peoples confounding the Cause with the Effect, or the moving Force with local Motion: and when they think they have given its true Definition, they have really said nothing but that Motion

Letter IV. *tion is Motion, only diversifying their Terms a little ; for when a Bowl runs on the Green, and the Definition of Motion is ask'd, 'tis gravely answer'd, that it is the removing of one Body from the Neighborhood of others, &c. and this the Bowlers know as well as the Philosopher, seeing it daily with their own Eyes ; but 'tis the Cause of this Effect they desire to hear explain'd, of which he's ordinarily as ignorant as they.*

15. Y O U say very truly that even those who carefully distinguish the Cause and the Effect, are yet extremely puzzl'd about the *moving Force* it self, what sort of Being it is ; where it resides, in Matter or without it ; by what means it can move Matter ; how it passes from one Body to another ; or is divided between many Bodys while others are at rest, and a thousand more such Riddles. Wherefore not being able to discover any such real Being in Nature, nor to determin whether it be a Body or Spirit, and yet less to make it a Mode, since (among other Objections) no Accident can pass from one Subject to

to another, nor be without its particular Cause in any Subject whatsoever, and that it may be intirely destroy'd the Subject remaining safe, they are forc'd at last to have recourse to God, and to maintain that as he communicated Motion to Matter at the beginning, so he still begets and continues it whenever, and as long as there's occasion for it, and that he actually concurs to every Motion in the Universe. But this System is subject to more fatal Consequences than those they wou'd avoid by it: for besides that they hereby destroy what many have said about God's impressing Motion on Matter at the beginning, as something that was of it self sufficient for the future; they farther make God the Author of all the Wickedness in Nature, tho' Motion were still but a Mode. Tis however for example, that actually moves the Tongue of a lying Witness, the Hand and Dagger of a Murderer, with such other palpable Difficultys, which all their moral and physical Distinctions are not able to solve. But why shou'd I throw away any Words on this System, since in all times, as CICERO observes, when the Philosophers

Letter sophers are ignorant of the Cause of  
 IV. any thing, they presently betake them-  
 selves for refuge and sanctuary to ' God,  
 which is not to explain things, but to  
 cover their own Negligence or Short-  
 sightedness, their Vanity not suffering  
 them to allow any other Cause, but  
 God's immediate Concourse, to what  
 they are not able to unfold.

16.1 Y O U do not foresee, perhaps  
 what Doubts you create to your self,  
 and what Work you cut out for me;  
 in demanding my particular Opinion  
 about Motion. 'Tis easier at any  
 time to find out the Defects of others  
 than to supply them; and a Man is  
 very like to be wrong understood  
 who delivers his Opinion (especially  
 if altogether new) before it be guard-  
 ed with its Proofs and Explication:  
 but our Friendship not allowing me  
 to deny you any thing in my power,  
 I shall be open and free with you in  
 this particular. I hold then that Mo-

<sup>1</sup> Sed omnium talium rerum ratio reddenda est:  
 quod vos, cum facere non potestis, tanquam in armis  
 confugitis ad Deum. *De Nat. Deor. l. 3.*

tion is essential to Matter, that is to say, as inseparable from its Nature as Impenetrability or Extension, and that it ought to make a part of its Definition. But as in Matter we distinguish the *Quantity* of particular Bodys and the *Extension* of the whole, of which these Quantities are but several Determinations or Modes, existing and perishing by their several Causes: so, the better to be understood, I wou'd have this Motion of the Whole be call'd *Action*, and all local Motions, as direct or circular, fast or slow, simple or compounded, be still call'd *Motion*, being only the several changeable Determinations of the *Action* which is always in the Whole, and in every Part of the same, and without which it cou'd not receive any Modifications. I deny that Matter is or ever was an inactive dead Lump in absolute Repose, a lazy and unwieldy thing; and when I write expressly on this Subject to you, I hope to evince that this Notion alone accounts for the same Quantity of Motion in the Universe, that it alone proves there neither needs nor can be any Void, that Matter cannot be truly defin'd without it, that

Letter that it solves all the Difficultys about the  
 IV. moving Force, and all the rest which  
 we have mention'd before.

17. B U T you'll say that, besides the Singularity of the Opinion, I shall make a world of Adversarys by reason of the many Hypotheses and Doctrins which it unavoidably destroys. To this I answer, that the Offence is taken, but not given; and that I shall thereby be nothing disquieted, provided I be able to contribute any thing towards the Discovery of Truth. This is not a System of Accommodation; such as those which some invent to reconcile other different Systems, tho they are not certain that their own is more true than the rest. But if I be able to prove from the nature of the thing it self, and not to favor or oppose any Cause, that *Action is essential to Matter*, that Matter cannot be rightly conceiv'd nor consequently be rightly defin'd without it, that nothing can be accounted for in Matter without this essential Action, and that it is easily shown to exist in the most heavy or hard Bodys; then they may quarrel (who have a mind to it) with

God

God or Nature, and not with me, who am but their humble Interpreter. After all, I apprehend no Enemys if I shou'd ever publish to the World what I may write to any Friend on this Subject; for every Party is necessitated to explain the Phenomena of Nature by Motion: and therefore such as believe Matter created, may as well conceive that God at the beginning endu'd it with Action as well as with Extension; and those who believe it eternal, may as well believe it eternally active, as eternally divisible; nor can they ever account for any Change in Nature without admitting this, as I have prov'd before against SPINOSA. My only busines is to prove *Matter necessarily active as well as extended*, and thence to explain as much as I can of its Affections; but not to meddle in the Disputes which others may raise about its Original or Duration.

18. YOU may perceive, SIR, that I have a great deal of leisure, and nothing to make me uneasy, or at least that I won't be made so, when I can take occasion to write so long a Letter from a few hints in a couple of yours. But it

M is

Letter  
IV.

Letter is impossible not to acquire a more dilated Understanding by your Correspondence. After so much Philosophy about the Primitive World, I shall trouble you with nothing that passes in the present; and I desire this particular favor of you, that in the Letters with which you'll please to honor me during my Stay in this Solitude (which I hope will be very many) you wou'd not mention a word of News: for there's something in all such Occurrences, which engages us to interest our selves more than in many Peoples Opinion we are concern'd to do; and yet, according as it goes with publick Affairs, I cannot for my Life refrain from rejoicing, or being angry, or growing sad like others, which perhaps proceeds from very good Reasons, but with which I wou'd not willingly be disquieted here. Still I except from the foregoing Instructions all that regards your Family or our other Friends, in whose Welfare, and particularly in your own, none can receive more real Satisfaction, than, SIR, your most humble and affectionate Servant.

LETTER

## LETTER V.

Motion essential to Matter;  
*in Answer to some Remarks*  
*by a noble Friend on the*  
*Confutation of SPINOSA.*

*Nunc que mobilitas sit redditia Material  
Corporibus, paucis licet hinc cognoscere,  
Memini.* Lucret. l. 2,

I. PARDON me, SIR, if I  
doubt whether the favorable  
Character you are pleas'd to  
bestow on the *Confutation of Spinoza*, proceeds from your Kindness  
M 2 or

Letter or your Judgment. But what makes  
 V. me flatter my self that you wrote your  
 genuine Thoughts about the first part  
 of that Letter to our worthy Friend, is  
 your making some Objections against  
 the latter part, wherein I have barely  
 declar'd my Opinion, that *Matter is  
 necessarily active as well as extended*.  
 To this you cannot easily agree, and  
 neither he nor I can blame you for it,  
 unless at the same time we wou'd  
 rashly condemn our selves when  
 we were of your mind. But as our  
 Opinion ought to go for nothing  
 without good Reasons, so we admit  
 of no Right from Possession, of no Pri-  
 vilege by Prescription in Philosophy,  
 how much soever we allow it in na-  
 tional Laws or Customs. Authority is  
 to decide matters of Fact, but not to  
 determine the Truths of Nature. You  
 ventur'd fair, I must acknowledg, to  
 make your Observations and Objections  
 before I gave any notice or hint of my  
 Arguments: but this very Proceeding  
 declares how untenable you believe my  
 Assertion to be, even so unguarded  
 and absurd, that any Person cou'd easi-  
 ly guess at the little that might be  
 plausibly offer'd for such a Paradox.

This is but a natural Construction of Letter  
your meaning, and such Thoughts as V.  
People are extremely apt to entertain  
of any Notion that contradicts the  
common Belief, especially if such a Bel-  
ief has continu'd very long in pos-  
session, and has bin very universally re-  
ceiv'd. In the Answer you desire of  
me, I shall follow the Thread of your  
own Letter; and take care to be as  
brief, as the indispensable Law of Per-  
spicuity will permit.

2. Y O U take my Meaning very  
right in urging, that *if Activity ought  
to enter into the Definition of Matter, it  
ought likewise to express the Essence there-  
of*: for certainly all the Propertys of  
any thing shou'd follow or be knowable  
from its Definition; else the Definition  
is not distinguishing and adequate, but  
confuse and imperfect. In my Opin-  
ion therefore Matter has bin hitherto  
but half, or rather a third part defin'd  
by Extension, from which alone many  
of its Modifications can follow by no  
means; and this is the reason, why  
none of the motive Effects have bin  
consider'd as essential to it, but adven-  
titious and of a different sort, because

Letter not contain'd in any of the Terms of  
V. its Definition: whereas Matter being  
defin'd active as well as extended (to  
which you may add Solidity, with the  
incomparable Mr. Lock) then all  
the motive Effects follow very naturally,  
and need not be explain'd by any other  
Cause, no more than the Consequences  
of Extension. Supposing it an Error  
that Motion is extraneous to Matter,  
you'll own that the ordinary Definitions  
which are built upon this Supposi-  
tion, have greatly contributed to set-  
tle it firmly in the Minds of men; they  
being thus accustom'd to deprive Mat-  
ter of Motion in their Speech and  
Writing from the beginning, which  
kept 'em for ever after from revoking  
it in doubt, but rather making it a self-  
evident Principle: and you know that  
such as had designs of gaining Repu-  
tation by introducing false Doctrins  
that favor'd their Designs, or of main-  
taining their Authority in supporting  
absurd Persuasions already establish'd,  
did make it a standing Rule that *Prin-  
ciples must not be disputed*; and then  
they canoniz'd for Principles, whatever  
Maxims they found most conducible to  
their purpose. But if Motion be essen-  
tial

tial to Matter, it must be likewise as Letter  
essential to its Definition.

V.

3. I O W N what you next object, that *before such a Definition is made, the necessary Activity of Matter ought to be clearly prov'd*, which to do, in the Sequel of this Letter, is my Intention; and to endeavor the recommending of this Definition by the Reasons I shall produce to show that all the Matter in Nature, every Part and Parcel of it, has bin ever in motion, and can never be otherwise; that the Particles which lie in the midst of the most solid and bulky Rocks, in the heart of Iron Bars or Gold Ingots, are as well in constant Action, as those of Fire, or Air, or Water, tho not according to the same Determinations, nor in the same Degrees, no more than these last mention'd, compar'd among themselves: for this Action is equally natural and internal to them all, and to all other Classes of Matter in the Universe; tho their specifick Motions be so various and different, which proceeds from their several ways of affecting one another. But it's time enough to think of a new Definition, when this essen-

Letter tial Motion is evidently prov'd.

V.

4. Y O U once thought it inconceivable, it seems, I should ever maintain that Matter *cannot as much as be conceiv'd without an Action of its own, or under some Effect of such an Action*; and I still maintain, that Matter can no more be conceiv'd without Motion than without Extension, and that the one is as inseparable from it as the other. Your conceiving Faculty I know to be much more delicate than mine, wherefore I wou'd have you try it a little on this Subject, and then to make me comprehend what Idea you have fram'd of Matter without Action. It must be something depriv'd of all Figure or Color, neither heavy nor light, rough or smooth, sweet or sour, hot or cold, void (in a word) of all sensible Qualitys, without Parts, Proportion, or any Relation whatsoever: since all these depend immediately on Motion, as well as the Forms of all corporeal Beings, their Generation, Succession, and Corruption, by the numberless Mixtures, Transpositions, and other Arrangements of their Parts, all which are the natural and undoubted Effects

Effects of Motion, or rather Motion it self under these several Names and Letter V.

Determinations. The commonly acknowledg'd Divisibility of Matter is also an undeniable Argument that it cannot be conceiv'd without Motion, since it is Motion that diversifies or divides it ; which is therefore presuppos'd as well as Extension in the Idea of Divisibility, and consequently the one is as essential to Matter as the other. How can you conceive that Matter is any thing or a Substance, unless it be endu'd with Action ? How can it be the Subject of Accidents (according to the vulgar Definition) since all Accidents are nothing else but the several Determinations of Action in Matter, diversify'd as they are differently plac'd with relation to our Senses ; but in reality not distinct from our Imagination, or from the thing it self wherein they are said to exist ? Roundness is nothing different from the round Body (which is as true of all Figures) for this Roundness is not the Name of any real thing, but only a word to express the particular manner of a certain Body. Neither are Hot or Cold, Sounds, Smells, or Colors, so much as even the

Man-

Letter Manners or Postures of the things  
 V. themselves, but the Names we give to  
 ~~ their ways of affecting our Imagination ;  
 for most things are conceiv'd by us  
 with respect to our own Bodys, and not  
 to their true Nature : wherefore what  
 is sweet to one is sour to another, what  
 is rough to me is smooth to you, what  
 is pleasure to the Healthy is pain to  
 the Sick ; tho most mens Organs being  
 fram'd very like one another, they are  
 consequently affected much after the  
 same manner, yet still with some de-  
 grees of Difference. But these, and  
 all other Differences in Matter proceed-  
 ing from several Changes, or these very  
 things being but the Conceptions of  
 different Motions, I think I may war-  
 rantably affirm that Matter is never  
 conceiv'd but under some Notion of  
 Action, which before I end I design to  
 show to be as true of Rest it self.  
 Now strip me Matter of Motion (if  
 you can) and I undertake before-hand  
 to divine your Conception of it, which  
 must be the very same with those  
 who try'd such Projects before you : for  
 their *Materia prima* was *que neque est*  
*quid, neque est quale, neque est quantum,*  
*neque quicquam eorum quibus Ens denomi-*  
*natur;*

natur; which is in a great many words. Letter  
to say, that it is nothing at all. V.

5. B U T you affirm that the Extension of Matter is very easily known, if not self-evident, but not its Activity; wherein I must beg leave to dissent from you, asserting that the one is no less easy to be known than the other, and neither of 'em doubted or mistaken, but by such as judg of things from Appearances, Custom, or Authority, without consulting their own Reason, arguing in which Method they may as well prove the Moon to be no bigger than a large Cheshire Cheese: for as the Vulgar believe that there is no Extension, where they perceive no visible Object; so those, who wou'd take it ill to be rankt in other things with the Vulgar, yet agree with them in this, thinking that there's no Action, where they can see no local or determinate Motion. Experience shows that great numbers of Adversarys are no Argument against the Truth of any thing whatsoever. The plainest things in the World have bin mighty Secrets for whole Ages; and we know that it's hard to find a thing, where no body dreams

Letter dreams of looking for it. Have a little  
 v. patience, SIR, and I may be so happy  
 as to be capable of showing you what  
 led all Sects of Philosophers as well as  
 the Vulgar, to believe the Sluggishness  
 of Matter, tho divers of the former  
 were aware of its actual universal Mo-  
 tion, which from the Prejudice of their  
 Infancy, they were ready to ascribe to  
 any Cause rather than to the right one ;  
 and this has very often oblig'd 'em to  
 feign very ill-sort'd and ridiculous Hy-  
 potheses.

6. I APPROVE of your fourth  
 Observation (for you know I wou'd not  
 easily disagree with you in any thing)  
 that *many of the most learned Philosophers*  
*contend for a Vacuum, which Notion seems*  
*to be grounded on the Deadness or Inacti-*  
*vity of Matter* : to which I add, that  
 some of those Philosophers deny (with the  
 Epicureans) the Void to have any sub-  
 stantial Extension, and will have it to be  
 nothing ; while the rest make it an ex-  
 tended Substance, which is neither Body  
 nor Spirit. These Notions have rais'd  
 a world of Disputes about the nature  
 of Space. The Opinion of a Void is  
 one of the numberless erroneous Conse-  
 quences

quences of defining Matter only by Letter Extension, of making it naturally inactive, and of thinking it divided into real Parts every way independent of one another. On these Suppositions it is impossible there shou'd not be a Void ; but 'tis as impossible that ten thousand Absurditys shou'd not follow from thence. What we call Parts in Matter, may be prov'd to be but the different Conceptions of its Affections, the distinctions of its Modifications ; which Parts are therefore only imaginary or relative, but not real and absolutely divided : for Water, as such, can be generated, divided, and corrupted, increas'd and diminish'd ; but not when consider'd as Matter.

7. ON this occasion, to avoid all Ambiguity, 'tis convenient to inform you, that by Bodys I understand certain Modifications of Matter, conceiv'd by the Mind as so many limited Systems, or particular Quantitys mentally abstracted, but not actually separated from the Extension of the Universe. We therefore say that one Body is bigger or less than another, is broken or dissolv'd, from the multifarious Change of Modifications :

Letter fication: but we cannot properly say  
 V. that Matters are bigger one than another,  
 ~~~ because there's but one sort of Matter in the Universe; and if it be infinitely extended, it can have no absolute Parts independent of one another, Parts and Particles being conceiv'd as I told you just now that Bodys were. A world of other words are invented to help our Imagination, like Scaffolds for the Convenience of the Workmen; but which must be laid aside when the Building is finish'd, and not be mistaken for the Pillars or Foundation. Of this sort are Great and Small, for example, which are but mer Comparisons of the Mind, and not the Names of any positive Subjects; as you are Big in respect of your little Sister, but Little in respect of an Elephant, and she is Big when compar'd to her Parrot, but very Little when she stands by her Mother. These and such words are very serviceable when rightly apply'd; yet they are often abus'd, and from relative or modal, are made real, absolute, and positive: such are Bodys, Parts, Particles, Somthing, a certain Being, and the like, which may be well allow'd in the Practice of Life, but never in the Specu-

8. **B**UT to return to your Objection ; others who admitted no real, but only modal and respective Parts in Nature, yet cou'd never with all their Subtilty bring any Arguments against a Void, but what their Adversarys cou'd easily ruin, because they agreed with them in making Matter inactive. You, that understand so well the History of Philosophy, know that the Difficultys appear to be equal on both sides, which has induc'd many to believe that the thing is in its own nature inexplicable, throwing the fault (as they often unjustly do) on their own Conceptions, which they find unsatisfy'd ; and not on the precarious Suppositions of both Partys, which they do not perceive. There is nothing more certain than that of two Contradictorys the one must be always true, as the other must be always false ; and tho it be therefore indisputable that either there is a Void, or that all is full (to use their improper Expression) tho it be plain that the Truth is within the narrow Compass of these two short Propositions, yet neither side has bin hitherto

Letter therto able to demonstrate which of 'em V. is the true Opinion, because they have both argu'd from a false Medium, from which nothing but Falsitys and Absurditys cou'd naturally follow.

9. B U T if you are once persua-ded, S I R; as I hope you quickly will, that Matter is active as well as ex-tended, all your difficultys about a *Vacuum* must fall to the ground. For as those particular or limited Quanti-ty's, which we call such or such Bodys, are but several Modifications of the general Extension of Matter in which they are all contain'd, and which they neither increase nor diminish: so (as an adequate Parallel) all the particular or local Motions of Matter are but the several Determinations of its gene-ral Action, directing it this or that way, by these or those Causes, in this or that manner, without giving it any Augmen-tation or Diminution. Indeed in all Tre-a-tises of the ordinary Laws of Motion, you meet with the several degrees of Motion that any Body loses or acquires; but those Laws concern the Quantity of the Action of particular Bodys on one

one another, and not the Action of Letter
Matter in general; as particular Quan-
titys of Matter are measur'd by other
lesser Quantitys, but not the Extension
of the Whole. The Mathematicians
compute the Quantitys and Proportions
of Motion, as they observe Bodys to
act on one another, without troubling
themselves about the physical Reasons
of what every person allows, being a
thing which does not always concern
them, and which they leave the Phi-
losophers to explain: tho the latter
wou'd succeed better in their Reasons,
if they did more acquaint themselves
before-hand with the Observations and
Facts of the former, as Mr. NEW-
TON justly observes.

V.


10. THERE is no inseparable
Attribute of Matter, but has number-

In Mathesi investigandæ sunt virium Quantitates
& Rationes illæ, quæ ex conditionibus quibuscumque
positis consequentur: denique ubi in physicam de-
scenditur, conferendæ sunt hæ Rationes cum Phæno-
menis, ut innocescat quænam virium Conditiones sin-
gulis Corporum attractivorum generibus competant;
& cum demum de virium Speciebus, Causis, & Rati-
onibus Physicis tunc disputare licebit. *Philos. Nat.*
Princip. Math. p. 192.

N

less

Letter less Modifications proper to it self as
V. well as Extension. So has Solidity,
so has Action ; and yet all the Attributes
must concur in producing the
peculiar Modes of each, because they
are still but the Consideration of the
self-same Matter under different re-
spects. To say then, as you do after
a Crowd of Philosophers, that *if there
be no Void, there is consequently no place
for C to remove into, nor any Elbow-
room for B to push C*; for you, I repeat
it, to speak in this manner, is not only
to have the same gross Conception of
Space with your Farmers, but also to
suppose the Points *B* and *C*, and all or
most of the Points about them, to be
really fixt, and in absolute Repose.
But you shou'd not run with a multi-
tude to commit Mistakes, no more than
to do evil ; and if I succeed in proving
the natural, essential, intrinsick, and ne-
cessary Action of Matter; then you
may easily perceive that these Objections
will be no longer Difficultys, and
that all your Circles of contiguous Balls,
your Fish on the point of moving in
the Water, and the rest of those thred-
bare Examples must be employ'd on
some other occasions; because all these
suppose

suppose an absolute Rest, as well as the Letter Generation of Motion, which is the V. thing in question ; and cou'd it be prov'd, there wou'd be no solid answering of such Arguments for a *Vacuum*.

II. I HINTED something to you before about the abuse of Words in Philosophy, and we may instance particularly certain Terms invented to very good purpose by Mathematicians ; but misunderstood or perverted by others, and not seldom very wrongly apply'd by certain Mathematicians themselves, which can never fail to happen when abstracted Notions are taken for real Beings, and then laid down as Principles whereon to build Hypotheses. Thus the Mathematical Lines, Surfaces, and Points have bin maintain'd to exist in reality, and many Conclusions thence deduc'd, tho' very unhappily ; as that Extension was compounded of Points, which is to say, that Length, Breadth, and Thickness are form'd of what is neither long, nor broad, nor thick, or Measure of no Quantity. So the word *Infinite* has bin wonderfully perplex'd ; N 2 which

Letter which has given occasion to a thousand
 V. Equivocations and Errors. Number
 was made infinite ; as, if it follow'd, because Units may be added to one another without end, that there actually existed an infinite Number. Of this nature are infinite Time, the infinite Cogitation of Man, asymptot Lines, and a great many other boundless Progressions, which are infinite only with respect to the Operations of our Minds, but not so in themselves : for whatever is really infinite, does actually exist as such ; whereas what only may be infinite, is very positively not so.

12. B U T no Word has bin more misapply'd, nor consequently has given occasion to more Disputes than Space, which is only an abstracted Notion (as you shall perceive hereafter) or the Relation that any thing has to other Beings at a distance from it, without any Consideration of what lies between them, tho they have at the same time a real Existence. Thus Place is either the relative Position of a thing with respect to the circumambient Bodys, or the Room it fills with its own Bulk, and from which it is conceiv'd to exclude

clude all other Bodys, which are but Letter
mere Abstractions, the Capacity no- V.
thing differing from the Body con- 
tain'd: and so Distance is the Measure
between any two Bodys, without re-
gard to the things whose Extension is
so measur'd. Yet because the Mathe-
maticians had occasion to suppose Space
without Matter, as they did Duration
without Things, Points without Quan-
tity, and the like; the Philosophers,
who cou'd not otherwise account for
the Generation of Motion in Matter
which they held to be inactive, ima-
gin'd a real Space distinct from Matter,
which they held to be extended, in-
corporeal, immovable, homogeneal, in-
divisible, and infinite. But this whole
Dispute depends on the Action and In-
finity of Matter. In the first place,
if Matter it self be essentially active,
there's no need to help it to Motion
by this Invention, nor is there any
Generation of Motion. Secondly, if
it be infinite, it can have no separate
Parts that move independently of one
another in crooked or streight Lines,
notwithstanding those Modifications
which we call particular divisible Bo-
dys. Thirdly, Matter must be like-
wise

Letter wise homogeneal, if it has Action of V. it self as well as Solidity or Extension, without being divided into Parts. And fourthly, if it be infinite, the Universe must be without all local Motion, there being no fix'd Points without it, to which it might be successively apply'd, nor any place into which it cou'd possibly remove.

13. PROCEEDING, SIR, according to the Order of your Remarks, I shall briefly endeavor to prove these several Points. I am not insensible that I oppose a Notion universally receiv'd, and that in this particular Article of Space I am said to have the greatest Man in the world against me, who yet cannot grow any thing less, tho he shou'd happen herein to be mistaken ; since the Demonstrations and Discoverys of his unparallel'd Book remain intirely true without it. For my part, I can no more believe an absolute Space distinct from Matter, as the place of it ; than that there is an absolute Time, different from the things whose Duration are consider'd. And yet Mr. NEWTON is thought not only to believe these things, but also to put them

them both on the same foot. *Times and Letter Spates*, says ' he, are as it were their own Places, and those of all other things. V. All the things in the Universe are in Time as to the Order of Succession, and in Space as to the Order of Situation. 'Tis essential to 'em that they be Places; and to think these primary Places can be mov'd, is absurd. These are therefore absolute Places, and the Translations from them are the only absolute Motions. I am convinc'd that these Words are capable of receiving an Interpretation favorable to my Opinion; but I chuse to cite them in the sense wherein they are commonly understood: besides that his Book (as I said before) is neither way concern'd.

14. AS for your alledging (to infer the Inactivity of Matter, as well as a *Vacuum*) that one Body is heavier or lighter than another of equal Bulk; you

¹ Tempora & Spatia sunt sui ipsorum & rerum omnium quasi loca. In Tempore, quoad ordinem Successionis, in Spatio, quoad ordinem Situs, locantur universa. De illorum essentia est ut sint loca, & loca primaria moveri absurdum est. Haec sunt igitur absoluta loca, & sole Translationes de his locis sunt absoluti Motus. *P. 7.*

Letter must suppose that Levity and Gravity
V. are not mere Relations, the Compar-
isons of certain Situations and external Pressures ; but that they are real
Beings, or absolute and inherent Qual-
itys, which is now by every body ex-
ploded, and contrary to all that you
know your self of Mechanicks. It
may not be difficult to persuade even Per-
sons of a moderate Capacity, that there
cou'd be no Levity or Gravity in the
suppos'd Chaos, and that these Qual-
itys wholly depend on the Constitu-
tion and Fabrick of the Universe ;
which is to say, that they are the
Consequences of the World in actual
Being, and the necessary Effects of its
present Order, but not essential At-
tributes of Matter, the same Body be-
coming heavy or light by turns, ac-
cording as it is plac'd among other
Bodys, and there being nothing better
known, than that many things are
not sometimes in a state of Levity or
Gravity. To imagine that any Parcel
of Matter has Levity or Gravity of it
self, because you see those Effects in
the Fabrick of the World ; or to deduce
it from the common Laws of Gravita-
tion, is not only to imagine Matter
alike

alike affected in all Places, but that the Letter, Wheels, and Springs, and Chains of a Watch, can perform all those Motions separately which they do together. And yet it was from such false Suppositions, that the Philosophers, in their several Formations of the World, invented the Fable of the four Elements, orderly placing themselves according to their different degrees of Gravity and Levity ; the Earth undermost or in the Center, next to that the Water, then the Seat of the Air, and uppermost of all the Fire. All Sorts and Sects of People have bin superstitiously fond of this primary Chaos, a Notion as confus'd and monstrous as the Import of the Name, and built in every step on Suppositions that are not only arbitrary, but utterly false and chimerical : such is the gross Conception of the Number and Unmixedness of the four Elements, drawn from the most compounded Bodys in the world ; such is the Levity and Gravity of the dancing Particles ; and such the Separation of the Seeds of things (as they speak) which without such Levity and Gravity cou'd not be perform'd, nor indeed on these very Conditions, without

Letter without an Almighty Architect, which
 V. they did not always take care to pro-
 vide, or furnish'd him with such
 wretched Tools, and Contrivance, as
 shew'd the Meanness of their own
 Understanding, the sole Model by
 which they form'd him. Such a pre-
 carious Supposition (in a word) is
 Matter's having bin at any time in this
 Confusion, without ascertaining how
 long or for what reason, with a thou-
 sand more the like Absurditys, which
 every man may easily represent to him-
 self from these few Instances. This
 may also serve for an Example, how
 little stress is to be laid on universal
 Consent, or rather on any epidemical
 and common Error, that makes pre-
 tences to that Name.

15. B U T not to ramble into Di-
 gressions, tho' never so natural, you
 own that *most Bodys are in actual Mo-
 tion*, which can be no Argument that
 they have bin always so, or that there
 are not others in absolute Repose. I
 grant that such a Consequence does
 not necessarily follow, tho' the thing
 in it self be true. But however, it may
 not be amiss to consider, how far this
¹⁷ *actual*

actual Motion reaches and is allow'd, before we come to treat of Rest. V.
Tho' the Matter of the Universe be every where the same, yet, according to its various Modifications, it is conceiv'd to be divided into numberless particular Systems, Vortexes, or Whirl-pools of Matter; and these again are subdivided into other Systems greater or less, which depend on one another, as every one on the Whole, in their Centers, Texture, Frame, and Coherence. Our Sun (for example) is the Center of one of those bigger Systems, which contains a great many lesser ones within the Sphere of its Activity, as all the Planets that move about it: and these are subdivided into yet lesser Systems that depend on them, as his Satellites wait upon Jupiter, and the Moon on the Earth; the Earth again is divided into the Atmosphere, Ground, Water, and other principal Parts; these again into Men, Birds, Beasts, Trees, Plants, Fishes, Worms, Insects, Stones, Metals, and a thousand other differences. Now as all these depend in a Link on one another, so their Matter (to speak in the usual Language) is mutually resolv'd into each other: for Earth,

Letter Earth, and Water, and Air, and Fire,
V. are not only closely blended and united,
but likewise interchangeably transform'd in a perpetual Revolution ;
Earth becoming Water, Water Air,
Air Æther, and so back again in Mixtures without End or Number. The Animals we destroy contribute to preserve us, till we are destroy'd to preserve other things, and become Grass, or Plants, or Water, or Air, or something else that helps to make other Animals, and they one another, or other Men ; and these again turn into Stone, or Wood, or Mettals, or Minerals, or Animals again, or become Parts of all these and of a great many other Things, Animals and Vegetables daily consuming and devouring each other ; so true it is that every thing lives by the Destruction of another. All the Parts of the Universe are in this constant Motion of destroying and begetting, of begetting and destroying : and the greater Systems are acknowledg'd to have their ceaseless Movements as well as the smallest Particles, the very central Globes of the Vortexes turning about their own Axis ; and every Particle in the Vortex gravitating towards the Center. Our Bodys, however we may flatter our selves,

selves, differ nothing from those of Letter other Creatures, but like them receive Increase or Diminution by Nutrition and Evacuation, by Accretion, Transpiration, and several other ways, giving some Parts of ours to other Bodys, and receiving again of theirs, not altogether the same yesterday as to day, nor to continue the same to morrow, being alive in a perpetual Flux like a River, and in the total Dissolution of our System at death to become Parts of a thousand other things at once; our Carcases partly mixing with the Dust and Water of the Earth, partly exhal'd and evaporated into the Air, flying to so many different places, mixing and incorporating with innumerable things.

16. NO Parts of Matter are ty'd to any one Figure or Form, losing and changing their Figures and Forms continually, that is, being in perpetual Motion, clipt, or worn, or ground to pieces, or dissolv'd by other Parts, acquiring their Figures, and these theirs, and so on incessantly; Earth, Air, Fire, and Water, Iron, Wood, and Marble, Plants and Animals, being rarefy'd or condens'd,

Letter condens'd, or liquify'd or congeal'd,
V. or dissolv'd or coagulated, or any other
way resolv'd into one another. The
whole Face of the Earth exhibits those
Mutations every minute to our Eyes,
nothing continuing one hour numeri-
cally the same ; and these Changes
being but several kinds of Motion, are
therefore the incontestable Effects of
some universal Action. But the Chan-
ges in the Parts make no Change in
the Universe : for it is manifest that
the continual Alterations, Successions,
Revolutions, and Transmutations of
Matter, cause no Accession or Dimi-
nution therein, no more than any Let-
ter is added or lost in the Alphabet by
the endless Combinations and Trans-
positions thereof into so many different
Words and Languages : for a thing
no sooner quits one Form than it puts
on another, leaving as it were the
Theater in a certain dress, and appear-
ing again in a new one, which pro-
duces a perpetual Youthfulness and Vi-
gor, without any Decay or Decrepitness
of the World, as some have foolishly
imagin'd, contrary not only to Reason,
but to Experience ; the World, with
all the Parts and Kinds thereof, con-
tinuing

tinuing at all times in the same condition. The great Systems of the Universe being subdivided into gradual and lesser Systems of Matter, the Individuals of the latter do perish indeed, tho they are not annihilated, continuing only a certain time in their particular Forms, according to the Strength or Weakness of their Disposition, Structure, or Constitution, which we call the natural age or time of such a thing ; yet if this Constitution, before its ordinary Period, be destroy'd by more prevalent circumambient Motions, in such cases we commonly call it Violence or Accident, as that a murder'd young man is dead before his time. But the Species still continues by Propagation, notwithstanding the Decay of the Individuals ; and the Death of our Bodys, is but Matter going to be dress'd in some new Form : the Impressions may vary, but the Wax continues still the same, and indeed Death is in effect the very same thing with our Birth ; for as to die is only to cease to be what we formerly were, so to be born is to begin to be something which we were not before. E'er I leave this Head, I beg

Letter
v.
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Letter beg your pardon, SIR, if I take notice to you, that considering the numberless successive Generations that have inhabited this Globe, returning at Death into the common Mass of the same, scattering and mixing with all the other Parts thereof; and joining to this, the incessant river-like Flowing and Transpiration of Matter every moment from the Bodys of Men while they live, as well as their daily Nourishment, Inspiration of Air, and other Additions of Matter to their Bulk: I say, considering these things, it seems to be probable that there is no Particle of Matter on the face of the whole Earth, which has not bin a Part of Man. Nor is this Reasoning confin'd only to our Species, but remains as true of every Order of Animals or Plants, or any other Beings; since they have bin all resolv'd into one another by numberless and ceaseless Revolutions, so that nothing is more certain than that every material Thing is all Things, and that all Things are but one.

17. THUS far you allow a constant Motion in Things from sensible Effects.

**Effects.** You say that the Particles of Letter Air, Water, Fire, Æther, Vapors, Exhalations, are without all question in perpetual Motion. You confess the Motion of the imperceptible little Bodys that flow from all greater visible Bodys, which by their Size, Figure, Number, and Motion, operate on our Senses, and produce the several Sensations and Ideas we have of Colors, Tastes, Smells, Heat, Cold, and the like. But you appeal at the same time to my Senses, that *there are some Bodys in absolute Rest, as well as others in absolute Motion*; and you instance Rocks, Iron, Gold, Lead, Timber, and such other things as do not suddenly change their Situation without some external Force. To this I answer, that your Reason, and not your Senses are the true Judges in this case; tho I own that your Senses can never deceive you, if you call your Reason to their Assistance: and to these in consult together I fear not likewise to appeal, as to those very Examples you have alledg'd. But you must always distinguish between the internal Energy, Autokinies, or essential Action of all Matter, without which it cou'd be capable of

Letter no particular Alteration or Division; and  
V. the external local Motion or Changes  
of Place, which are but the various Modifi-  
cations of the essential Action as  
their Subject; the particular Motions  
being determin'd by other more pre-  
valent Motions, to be direct or cir-  
cular, fast or slow, continu'd or inter-  
rupted, according to the occurrent,  
subsequent, or circumambient Motions  
of other Bodys; no part of Matter  
being without its own internal Energy,  
however thus determin'd by the neigh-  
boring Parts according as their parti-  
cular Determination is stronger or  
weaker, yields or resists; and, these  
again continue to be vary'd after some  
other manner by the next; and so every-  
thing proceeds in endless Changes, that  
is (as I maintain) in perpetual Motion.  
Now all the local Motions imaginable  
being acknowledg'd Accidents, increas-  
ing, altering, diminishing, and perishing,  
without the Destruction of the Subject  
which they modify, or in which they  
exist, this Subject cannot be wholly  
imaginary, a mere abstracted Notion,  
but something real and positive. Ex-  
tension cannot be this Subject, since  
the Idea of Extension does not neces-  
sarily

sarily infer any Variety, Alteration, or Letter Motion; and therefore (as I said just now) it must be Action, since all ~~the~~ those Motions are but the different Modifications of Action, as all particular Bodys or Quantitys are but the different Modifications of Extension. Of Solidity or Impenetrability I shall put you in mind in its due place, and show how these three essential Attributes or Propertys are inseparable, and do co-operate.

18. **B**UT not to forget the Appeal to our Senses, wou'd not you believe with the Vulgar that the Stars are no bigger than ordinary Tapers, that the Sun and Moon are no more than a Foot or two in breadth, if your Reason had not computed the Distance between your Eyes and those Bodys, and measur'd their real Bulk by their Appearances in such a distance, with the other proper Arguments which I need not repeat to one that knows 'em so well? Is it not the same thing as to the distinguishing the fixt Stars from the Planets, and understanding the true Motion of the latter, which is very different from what the Senses exhibit? I will not descend so low as a

Letter streight Stick appearing crooked in the  
V. Water, or the Colors on the Neck of  
a Dove; nor soar so high as the Heat,  
Cold, Relishes; and Odors, that are  
not in the things themselves, which  
we denominate from these Sensations.  
But to come home to the Subject we  
have in hand; is not local Motion it  
self sometimes so slow, that it is not  
perceiv'd by our Senses, no distinguish-  
able Removal from one Point to ano-  
ther, tho the Motion goes constantly  
on all this while, and that we are  
convinc'd of, it at last by undoubted  
Effects and visible Intervals, as in the  
Hand of a Clock or the Shadow of a  
Dyal? And so it is in Motions that  
are extremely swift, where no Succession  
is distinctly observ'd, as in the Passage  
of a Bullet, or the like. To judg of the  
Body of a Man or any other Animal  
by the external Surface, it wou'd seem  
to have as little internal local Motion  
(not to speak now of its inseparable  
Action) as Lead, or Gold, or Stone; nor  
wou'd we make a different Judgment  
of any Tree or Plant. And yet un-  
less every Particle of a Tree were in  
motion, it cou'd neither receive Aug-  
mentation when it grows, nor Dimin-  
ution when it decays. Your Skill  
in

in Anatomy, join'd to common Experience, will not let you question but that all the Particles of Animals are in perpetual Motion as well as those of Plants, growing, decaying, transpiring, dissolving, corrupting, becoming fat or lean, hot or cold, tho the Man sits still, or the Beast is asleep, or the Tree stands fixt in its place. The Circulation of the Blood and Sap to every imaginable Part, are now no Secrets in Natural Philosophy. Nor is Iron, Stone, Gold, or Lead, more void of this internal Motion, than those they call Fluid Bodys: for otherwise they cou'd never undergo those Alterations which Air, or Fire, or Water, or any thing else produces in them. But tho by their being reduc'd into these Forms, from a precedent different State, tho by their continual wearing, and final Change of Figure, 'tis certain that their Parts are always in motion, yet they are not so easily nor quickly determin'd by other circumambient Motions (tho there are that do it very suddenly) to change their Form or Situation perceptibly to our Senses; which made People imagine that they had no Motion at all, nor any peculiar Determinations.

Letter

V.

19. NEVERTHELESS the very remaining of such Bodys in one place is a real Action, the Efforts and Resistance of this Parcel being equal for some time to the determining Motions of the neighboring Bodys that act upon it, and that will not suffer it to pass certain Bounds; which is easily understood from what I have already no less copiously than plainly said of the numberless successive Determinations of Motion, of which this is one kind, and call'd by the People Rest, to distinguish that State of Body from the local Motions that are visible. A Body that descends by Gravity or the stronger Impulse of other Bodys, as its own Impulse is stronger than the Determinations that yield to it on the way, is no less in Action that it is resisted from advancing further by the yet stronger Resistance of the Earth, and hinder'd from going back by an equal Pressure from the Bodys behind it, than a Ship is without Action, if the Force of the Wind blowing towards the mouth of the River, be equal to that of the Tide flowing towards the Spring of it: for let either

of

of these get the better of the other, Letter and the Ship sails. But all this while the Ship was depriv'd only of one sort of Motion, and not of all Effort or Action, no more than Iron, or Lead, or Gold, whose Parts, by their own internal Motion, and by the Motions of the circumambient Bodys, are perpetually growing and increasing, or wearing, moldring, decaying, changing, and perishing in some other manner to us imperceptible ; till by the Rust or Tarnish on their Surface, by the Augmentation or Diminution of their Quantity, the Alteration of their Form or Figure, or by some other sensible Effects, we are intirely convinc'd of it at last. Since Rest therefore is but a certain Determination of the Motion of Bodys, a real of Action of Resistance between equal Motions, 'tis plain that this is no absolute Inactivity among Bodys, but only a relative Repose with respect to other Bodys that sensibly change their place.

20. B U T the Vulgar taking local Motion (as they do all other Relations) for a real Being, have thought Rest a Privation, or that Motion was

O 4 Action,

Letter Action, and that Rest was a Passion ;  
V. whereas every Motion is as well a Passion  
in respect of the Body that gave it the  
last Determination, as it is an Action  
compar'd to the Body that it deter-  
mines next. But the turning of these  
and such Words from a relative to  
an absolute Signification, has occa-  
sion'd most of the Errors and Disputes  
on this Subject. However the best Phi-  
losophers and Mathematicians, notwith-  
standing their making Motion extrane-  
ous and Rest essential to Matter, have  
fairly acknowledg'd the actual constant  
Motion of every Part ; being oblig'd to  
this by the irresistible Evidence of Rea-  
son and Experience. They grant that  
the same incessant Changes and Motions  
appear in the Bodys under ground, as  
in those above it ; which is confirm'd  
not only by the nature of the several  
Beds of Earth in Mines and Quarrys,  
by the generation of Metals and Mi-  
nerals, but also by the Appearances of  
all other subterranean Bodys and Fos-  
sils. They own that all the Phæno-  
mena of Nature must be explain'd by  
Motion, by the Action of all things on  
one another, according to mechanick  
Principles. And 'tis so in effect that  
they



they account for all the Diversitys in Nature, for the elementary and sensible Qualitys; for all the Forms, Figures, Mixtures, or other Modifications and Alterations of Matter. Those who think the most truly and nicely therefore on local Motion, consider the Points from which and to which the Body moves, not as in absolute Repose, but only as quiescent with respect to the Motion of that Body: and tho Mr. N E W T O N be deem'd an Advocate for extended incorporeal Space, yet he declares that perhaps no one Body is in absolute Rest, that perhaps no immovable bodily Center is to be found in Nature; and in one place he expresses himself in these Words: *The Vulgar attribute Resistance to quiescent, and Impulse to movent Bodys; but Motion and Rest, as commonly conceiv'd, are only respectively*

<sup>1</sup> Fieri enim potest ut nullum re vera quiescat Corpus, ad quod loca motusque referantur. Pag. 7.

<sup>2</sup> Hac tenus exposuit motus Corporum attractorum ad Centrum immobile, quale tamen vix extat in rerum Natura. Pag. 162.

<sup>3</sup> Vulgus, Resistentiam quiescentibus & Impetum moventibus tribuit; sed Motus & Quies, uti vulgo concipiuntur.

Letter tively distinguish'd from one another, nor  
 V. are those things always in true Repose,  
 which are vulgarly consider'd as quiescent.  
 Thus far that deservedly admir'd Author,  
 who has seen the farthest of all  
 Men living into the actual State of  
 Matter ; and indeed all Physicks ought  
 to be denominated from the Title he  
 has given to the first Book of his Prin-  
 ciples, viz. of the Motion of Bodys.

21. I N E E D not ask your pardon, SIR, for being so particular, both because it was your request to me, and for the sake of those who are ignorant of many things which I might suppose to you, and to whom you might nevertheless show my Letter, or speak of my Opinion. I think after all that has bin said, I may now venture to conclude that *Action is essential to Matter*, since it must be the real Subject of all those Modifications which are call'd local Motions, Changes, Differences, or Diversitys ; and

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concipiuntur, respectu solo distinguuntur ab invicem,  
 neque semper vere quiescent quæ vulgo tanquam qui-  
 escentia spectantur. Pag. 2.

princi-

principally because absolute Repose, on which the Inactivity or Lumpishness of Matter was built, is entirely destroy'd, and prov'd no where to exist. This vulgar Error of absolute Rest was occasion'd by the Appearances of heavy, hard, and bulky Bodys ; and seeing they did not change that strong Determination (which the People did not conceive to be an Action) but by much stronger Determinations, whose Effects were obvious to their Senses, they concluded first that there was an absolute Rest, and secondly that all Bodys wou'd continue in that State without some foreign Mover, which they imagin'd not to be Matter, since all Bodys were Matter, and that what was natural to the Parts, was so to the Whole. At least, the Philosophers made such Inferences from the Notion of Rest, which they learnt from their Education, and from the sole Judgment of their Senses: for none is born a Divine, Philosopher, or Politician, and therefore every man at the beginning stands on the same ground with the Vulgar, receiving the same Prejudices and Impressions ; and however he may extricate himself from many Errors, yet if he leaves any in possession

Letter possession unexamin'd, he shall always  
 V. reason himself into Contradictions or  
 Absurditys from that Principle, tho  
 otherwise justly reckon'd a wise and  
 able Person. Since therefore there is no  
 such absolute Rest in those Examples  
 you have brought, and that on the con-  
 trary every other Parcel of Matter, as  
 well as these, are in absolute Motion,  
 you shou'd not side with such Philo-  
 sophers, as were either the most super-  
 stitious or the least perspicacious; nor  
 ought you to argue at all from a vulgar  
 Error: but seeing that every Part of  
 Matter is prov'd to be always in mo-  
 tion, you shou'd conclude that Motion  
 is essential to the Whole, for the same  
 reason that you think Extension to be  
 so; because every Part is extended.  
 To all that will think without Bias,  
 Experience renders these Cases parallel,  
 and Reason evidently demonstrates it.

22. I HAVE industriously omitted  
 to speak any thing of the relative Mo-  
 tions of all those Bodys conceiv'd to be  
 in Repose; and I shall but hint them  
 now, to put you in mind that at the  
 same time they cease not to be absolute.  
 Every thing in the Globe of our Earth  
 (which

(which is as true of all the other Planets) partakes of its constant Motion ; for the Motion of the Whole is but the ~~sum~~ <sup>Letter V.</sup> Sum total of the Motion of the Parts ; which is not only plain from the Reason of the thing it self, but also from the proportionable Force that is necessary either to impress a new Determination on any Body, or to stop the Determination it has already acquir'd, for the one cannot be less than the other. Tho all the assignable Parts of a Ball in Motion are at rest with respect to one another, or to their places in the Ball ; yet none will say, but that they are all in actual Motion as Parts of the Ball, and in relation to every thing without it. So a Passenger shares the Motion of a Ship under Sail, to say nothing of the specific Motions of his human System ; tho he's conceiv'd to be at rest, with regard to the place wherein he sits, or to the other Parts of the Ship, which, notwithstanding the Motion of the Whole, keep the same Distance and Position with respect to him. I have likewise dropt but a word (in the fifteenth Paragraph) of the Centripetal Force, by which all the Bodys of the Earth are drawn, or tend

Letter tend towards its Center (as all others  
V. to the proper Centers of their Motions)  
nor have I mention'd a syllable of the  
centrifugal Force, by which they en-  
deavour to recede from the Center in a  
streight Line, if they are not otherwise  
determin'd by some stronger Cause: as a  
Stone whirl'd about in a Sling is detain'd  
in its Orbit by the Leather, the String  
of which, being stretcht by the Motion  
of the Stone, is contracted towards the  
Stone it self, by its Efforts to fly off  
directly in every point of the Circle  
it describes; and at the same time it is  
equally contracted towards the man's  
Hand; whence it follows, that the  
Center approaches as much to the Stone  
as the Stone does to the Center, which  
yet does not always happen for many  
reasons. Notable Effects depend on  
these Forces the nearer they are to being  
equal, or the stronger one of 'em is  
than the other; wherefore the centri-  
petal being much greater than the cen-  
trifugal Force of the Parts of the Earth,  
taking in likewise the Atmosphere, is  
one main reason that it never loses any  
of its Matter, and that it always con-  
tinues of the same Bulk or Dimensions,  
the centripetal Force of Gravity that de-  
tains

tains the several Bodys in their Orbit, Letter being considerably stronger than the centrifugal Force of Motion, by which they strive to fly off in the Tangent. Let the Causes of these Forces be what they will, they are unanswerable Arguments to my purpose of a perpetual Motion in all things. But I shall write no more concerning them, lest I insensibly ingage my self in a Dispute with you about the nature of Gravity, as whether the weight of Bodys be always proportionable to their Quantity of Matter ; that is, whether there be more Matter as there is more weight in a cubic Foot of Lead than in a cubic Foot of Cork, which, I know, you maintain after no contemptible Philosophers : or whether the same Quantity of Matter be contain'd in the same Dimensions of Mercury, Gold, Silver, Iron, Lead, Earth, Water, Cork, or Air, tho' their specific Gravitys be so different from each other, proceeding partly from external Pressures, and partly from those internal Structures or Modifications which give their common Matter those various Forms that constitute their Species, and are distinguish'd by their Gravity, as they are by their Figures, Colors,

Letters, Tastes, Smells, or any other Affections, arising from their peculiar Disposition, from the Action of other Bodys, or from our Senses and Imagination. This is my own Opinion, whatever be my reasons for it: besides, that were Gravity an essential Attribute, and not a particular Mode of Matter, the same things wou'd equally ponde-rate in all places and circumstances, as they are every where equally solid or equally extended; nor wou'd they vary in the Retardation or Acceleration of their Descent in various Distances from the Center. With me therefore Gravity infers no Vacuum (as I told you before in the fourteenth Paragraph) and is but one of the many Modes of Action, however this Determination happens, which at present we shall not examine; its real Existence being deny'd by no body, and the Quantities and Proportions of Motion proceeding from Gravity, or the mutual Action of particular Bodys in this respect, being to be calculated from Fact and Observation, be their physical Causes what you please: For the same reasons I shall pass by the Attraction of the Planets, their gravitating, or acting any other way on one

one another; as 'tis certain not only Letter  
from the Influence of the Sun, the  
Tides occasion'd by the Moon, and by  
several other Arguments, that they  
very remarkably affect each other, ac-  
cording to their Magnitude, Figure,  
Distances, and Position.

23. THAT Motion is adventitious  
to Matter; that it has actually separated  
and independent Parts, that there is a  
Void or incorporeal Space, are not the  
only Mistakes occasion'd by the Notion  
of absolute Rest. For those Philoso-  
phers who were the least superstitious,  
and who look'd the most narrowly into  
the Nature of things, have taught that all  
Matter was animated, as well every Par-  
ticle of Air, or Water, or Wood, or Iron,  
or Stone, as a Man, a Brute, or the whole  
Mass together; being naturally led  
into this Error, because having learnt  
from others that Matter was essentially  
inactive (from which Prejudice they  
did not take care to free themselves);  
and yet finding by Experience all and  
every Particle of Matter to be in mo-  
tion, and believing likewise that Life  
was different from the organiz'd Body,  
they concluded that the Cause of this

P Motion

Letter Motion was some Being intimately  
 V. join'd to Matter, however I modify'd, and that it was inseparable from the  
 same. But this pretended Animation is  
 utterly useless, since Matter has Motion  
 of it self, and that there is no real Re-  
 pose. These enlivening Philosophers  
 were divided into several Classes ; so  
 many Expedients are necessary to put  
 some face of Truth upon Error ! Some  
 of 'em, as the Stoicks, held this Life to  
 be a Soul of the World, co-extended  
 with Matter, insinuated and diffus'd  
 thro' the whole and every Part thereof,  
 being it self essentially corporeal, tho'  
 infinitely finer than all other Bodys,  
 which, in respect of its Subtlety and  
 Action, were reputed extremely gross :  
 but the universal Soul of the Platoolists  
 was immaterial, and a pure spirit in  
 Others, as STRATO, of Lampsacus,  
 and the modern Hylozoicks, taught  
 that the Particles of Matter had Life,  
 and also a degree of Thought, or a di-  
 rect Perception without any Reflection  
 to which HERACLIUS of oldy and  
 lately SPINOSA, added Understanding  
 or reflex Acts, without even heaving the  
 Difficultys, apparently offering themselves  
 against such a precarious Hypothe-  
 sis,

sis, not as much as showing (tho this Consciousness were granted) how the several reasoning Particles cou'd agree together to form the same Body or System, or to separate or join so regularly on certain occasions, without any jarring or change of Opinions, as to their being better or worse in other places, single or in numerous Company; nor how, tho all the Particles of a Man have Sense and Understanding, he finds but one such Faculty in himself, and that Faculty exerting its Operations only in one place. No less romantic is the plastic Life of other Philosophers, which (according to its modern Reviver, the universally learned Dr. CUDWORTH) is not material, but an inferior sort of Spirit without Sensation or Thought, yet endu'd with a vital Operation and Energy; these Plastics seeming to differ with the Hylozoics only about words, tho pretending a mighty Disagreement, to keep clear, I suppose, of the absurd or invidious Consequences charg'd on their Opinions; as the Jansenists and Calvinists treat one another about Predestination, in which Doctrin they certainly mean the same thing, notwithstanding the nice distinctions of the

Letter

V.

Letter Jansenists. But all these Hypotheses  
 V. are so many visible Shifts to account  
 for the actual Motion of inactive Matter, and to avoid bringing God every  
 moment on the stage, and setting him  
 a-work on all occasions, nay in all Actions without distinction, and this too by  
 an absolute and unavoidable Necessity. Thus far of such as provided external  
 or foreign Movers of Matter; and as  
 for those who allow'd it naturally in-  
 active, but assign'd no Cause for its  
 Motion, as ANAXIMANDER, AN-  
 AXIMENES, and some other An-  
 tients; nor any Cause either of its Mo-  
 tion or Cogitation, as SPINOSA a-  
 mong the Moderns: these, I say, are so  
 unphilosophical as to deserve no fur-  
 ther History, and have always afforded  
 matter of Triumph to the Stoicks, Spir-  
 itualists, and Plastics, or reckon 'em by  
 what other Names or Distributions you  
 may think more proper.

24. B U T the most universal Mis-  
 take proceeding from the suppos'd In-  
 activity of Matter is the Notion of an  
 infinite, extended, and yet incorporeal Space. Because great matters are built  
 on this substantial Space, and that men

of great Name and Merit have countenanc'd it by their Approbation, I V. shall give you the History of this Opinion, as I have done of the rest; tho' I might justly neglect it after having prov'd Matter to be essentially active, and that its general Motion was the immediate Subject of all the particular motive Determinations, as Extension is the immediate Subject of the several Figures and Quantity's: for it was likewise to help sluggish Matter to Motion, that this Space (as the room of its Action) was principally devis'd; but Matter not being inactive, nor wanting to have Motion continually impressed by an external Agent, Space may be extirpated from Philosophy, as useless and imaginary. Extension is granted on all hands to be infinite, for it cannot be terminated by Inextension; and the Demonstrations for this are so universally known and acknowledg'd, that I shall not trouble you with repeating them. No less infinite is Matter, when conceiv'd as an extended thing, for you can imagin no bounds of it, to which you may not add more Extension infinitely; and therefore if it be not actually infinite, its Finiteness must proceed

Letter from some other Cause besides its Extension. Those who maintain'd Matter to be finite upon philosophical grounds, imagin'd it to be inactive, divisible into Parts independent and separate, with vacant Interstices; which Parts were heavy or light of themselves, and had various Figures, as well as degrees of Motion, when violently forc'd out of their natural state of Rest. This necessarily led 'em to suppose finite Extensions, at the same time that they allow'd another Extension, which was infinite. And then they cou'd not but make those Extensions essentially different in other respects; the one immovable, impenetrable, indivisible, unchangeable, homogeneal, incorporeal, and all-containing; the other movable, penetrable, divisible, changeable, heterogeneal, corporeal, and contain'd: the one betokening infinite Space, and the other particular Bodys. But this whole Distinction is built on supposing the thing in question, and by the equivocal Signification of the words Place, Whole, Parts, Particles, Divisibility, or the like; and therefore after they took it for granted that Matter was finite, divided into Parts, that it wanted Motion from elsewhere, and

and had a void Place wherein to act, then they establish'd this Wheel within a Wheel, or one Extension penetrating another, as if Modes were penetrated by their Subject. But all these Suppositions being (as I have often told you) only the Consequences of the main Supposition, that Matter was inactive, and the contrary of this or the essential Motion of it being already demonstrated, there is no reason not to think Matter infinite, and that, as Nothing has no Propertys, so that the acknowledg'd infinite Extension belongs to this infinite Subject, which is infinitely modify'd in its Motion, Extension, and other inseparable Attributes.

25. I MIGHT conclude here, SIR; but to put this matter beyond all doubt with you, I shall be at a little more pains to show how all these things, which they attribute to Space and Body as their essential Differences, do wholly belong without any contradiction to infinite Matter: for I grant that these Propertys have a real Existence, and tho' seemingly opposite, they are but the Affections of the same Subject under various Considerations.

Letter V. When Bodys are conceyld finite, movable, divisible, at rest, heavy or light, under different Figures, and in various Situations ; then we abstract the Modifications from the Subject, or, if you will, the Parts from the Whole, and imagine proper Boundarys to certain Portions of Matter, which separate and distinguish them from all the rest, whence came originally the Notion of a Void ; but when we consider infinite Space as impenetrable, immovable, indivisible, the place which receives all Bodys, wherein they move and are contain'd, it self being void of all Change, Form, or Figure ; then, on the contrary, we abstract the infinite Subject from the finite Modifications, or the Whole from the Parts. Now let's apply this Doctrin in particular Instances. Since nothing can be added to Infinite nor taken away from it, the Universe can neither increase nor diminish, there being no place without it to which you may remove what you divide from it, or from which you may bring what you add to it : consequently it is immovable and indivisible ; and also without all Figure, since it has no Bounds or Limits ;

and



and infinite, since no finite Quantity, tho' never so often repeated, can equal or measure its Extension. Therefore when we say, that Space is all-containing, we mean it of infinite Matter, to distinguish the Whole from the Parts, which yet are not different from the Whole. When we say it permeates all things, we abstract the Extension of Matter from its other Propertys ; and so we do, when we say it's incorporeal, not then considering it otherwise than as the Mathematicians in Points, or Lines, or Surfaces. When we affirm it is one, we mean that it is infinite and indivisible ; for there's but one Universe, tho' there may be numberless Worlds. When we say it is the Place of all things, we signify that it is the Subject of its own Modifications, whether Motions, Figures, or others. When we say it's homogeneal, we mean that Matter is ever the same, be the Modifications of it never so various. And lastly, when we say, that finite Bodys cannot exist without an infinite Space, we only say that they cannot be unless they are ; for their own Solidity or their Respect to other things is all their Place, abstracting from

Letter from the Universe of which they are Parts, of whose infinite Motion, Solidity, and Extension, they finitely partake : for infinite Matter is the real Space and Place, as well as the real Subject of its own particular Portions and Modifications.

26. Y O U may now perceive how this Notion of absolute Space was forth'd, partly by gratuitous Suppositions, as that Matter was finite, inactive, and divisible; partly, by abstracting Extension, the most obvious Property of Matter, without considering the other Propertys, or their absolute Connection in the same Subject, tho' each of 'em may be mentally abstracted from the rest, which is of singular use to Mathematicians on several occasions: provided such Abstractions be never taken for Realitys, and made to exist out of the Subjects from which they are abstracted, no more than plac'd in another Subject uncertain or unknown. Matter is often abstracted from Motion, as Motion is from Matter, so are Solidity and Matter, Motion and Extension, Extension and Solidity, Solidity and Motion; each of these may be and is taken by it self without any

any Consideration of the rest, whereas Letter  
in reality the Motion of Matter de- V/  
pends on its Solidity and Extension,   
and so all of 'em inseparably on one  
another. But the Defenders of Space,  
after abstracting Extension from Mat-  
ter, then distinguish'd between Exten-  
sion in general and the particular Ex-  
tension of Matter, of this or that Body, as  
if the latter were something superadded to  
the former, tho' they cou'd not assign the  
Subject of the former, whether a Substance  
neither Body nor Spirit, or a new kind  
of Nothing endow'd with the Propertys  
of a Being. Nay many of them have  
not stuck to make it pass for the Su-  
preme Being it self, or at least for an  
inadequate Conception of God, as may  
be seen in the ingenious Mr. R A L P H-  
S O N ' S Book of Real Space, to whom  
I had an eye in the two foregoing  
Paragraphs ; tho', as may be likewise  
learnt from his own Authoritys, he was  
neither the first Broacher of this Con-  
ceit, nor the only Maintainer of it  
now. I am satisfy'd that most of those  
Gentlemen did firmly believe the Ex-  
istence of a Deity, and I charitably  
hope it of 'em all; but in my Opinion  
their unwary Zeal refin'd him into  
mere

Letter mere Nothing, or (what they wou'd  
as little allow) they made Nature or  
the Universe to be the only God : but  
the Goodness of their Intention ought  
to secure 'em with all men of Candor  
from the Charge and Consequences of  
Atheism. Their Mistake however was  
perceiv'd by the Atheists themselves,  
and made the Subject of their Mirth,  
as in these four Lines of a Poem,  
wherein, after cavilling before at some  
other Notions of the Deity, they ridicule  
this infinite incorporeal Space on  
much better grounds.

Others, whose Heads sublimer Notions  
trace, Cunningly prove that thou'rt Almighty  
Space; And Space w<sup>o</sup>are sure is nothing, ergo  
Thou: These Men slip into Truth they know  
not how. And truly the fancy of one Extension  
penetrating another, made many others  
laugh, who are as far as any from Atheism or Irreligion: and some of 'em  
wou'd fain learn where the Reason  
and Wisdom of extended Space resides,  
whether

whether in the Whole, or in any of the Parts, I speak of Parts in a sense of Accommodation, for Infinite can have none: but if with one of CICERO's Dialogists they wou'd infer that the Whole must have Understanding, because some Portions of it are intelligent; besides not allowing the Understanding of the Parts to belong in any manner to their Extension, we may retort with the other Speaker in CICERO, that by the same Argument, the Whole must be a Courtier, a Musician, a Dancing-master, or a Philosopher, because many of the Parts are such. But these are Sophisms on both sides, by confounding variable Modes with essential Propertys, or by ascribing true Effects to imaginary, foreign, or disproportionate Causes.

27. AFTER accounting for the essential Motion of Matter, you'll find that the Comparisons and Similitudes rather than the Arguments of those who defend Space, prove no more than that you conceive what they mean, or else that they generally beg the Question. I can suppose with any of them, that all the Matter of the World is reduc'd by

Letter by God into two equal Spheres; that  
 V. if they be at a distance from one another, there is between them a measurable Space or Void; or that if they mutually touch in a Point (as perfect Spheres must necessarily do) there is a Space which is not Body, between the other Points of their Circumferences. But is not all this at the same time to suppose Matter finite, to suppose this very Space which they pretend to prove, and from no reason that I can see, but from the bare Consideration of Gravity? I can with Mr. Lock conceive the Motion of one Body alone without any other succeeding immediately into its place; but it is by abstracting this single Body, and with-holding my Attention from those that really succeed it. I can with him conceive two Bodys at a distance approaching one another, without displacing any thing else till their Superficies come to meet; but 'tis by abstracting from all that they necessarily displace: for, as he judiciously observes himself, it does not follow that any thing exists in such a state, merely because we can conceive it so; or there wou'd be great store of Hydras, Centaurs,

tauts, Chimeras, and other Monsters, which never had a Being. But I grant to him that by such Instances I perfectly understand the meaning of those who contend for Space or a Void, which was absurd in the Cartesians to deny, and unpardonable to dispute against a thing, whereof they protest to have no Idea. Mr. Lock has all that can be said on this Subject in his *Essay of Human Understanding*, especially in the thirteenth Chapter of the second Book, where among other things he uses these words: *If Body be not suppos'd infinite, which, I think, no one will affirm; I can conceive a Man at the extremity of Matter, and that he can stretch his Hand beyond his Body.* He cou'd not be ignorant how many affirm'd the Infinity of Matter before he was born, and I am not the only Man that does it in his own time: but tho' I can abstract to my self such imaginary Bounds, yet I cannot meet with one good reason to persuade me that Extension (which he acknowledges infinite) does exist any where out of Matter: I say, that I find nothing offer'd to persuade me of this, but such Suppositions as I have already confuted;

Letter confuted; not to insist on insurmountable Difficulties arising from those fictitious Extremitys, as to their Copistence, Figure, whether any thing can break loose from them, what becomes of such Fractions, and a thousand other Riddles. I can further gratify him, in the Consideration of divided Particles; but I deny that the Continuity of infinite Matter can ever be separated by any distinct Surfaces with void intermediate Spaces; for we only abstract (as I told you in the sixth and seventh Paragraphs) what we call Parts, considering by it self so much of Extension as is for our purpose, and distinguishing such Parcels not by real Divisions from the Whole, but by the Modifications of Color, Figure, Motion, or the like, as we consider the Heavens without the Light of the Sun. He says further, That those who assert the Impossibility of Space existing without Matter, must not only make Body infinite, but must also deny a power in God to annihilate any part of Matter. That they make Matter infinite is confess'd; but what he adds about Annihilation is deny'd: for besides that no Revelation from God can be produc'd, wherein he has

has declar'd that he will annihilate any part of Matter, so it is no Argument for a real Space, that God has it in his power to annihilate, no more than that the World shall actually finish in three Days, because I conceive it possible for God to destroy it in that short time. I know no reason (of what he asserts in the same place) why the Maintainers of infinite Matter shou'd *be loth to speak out their opinion*, any more than the Maintainers of infinite Space, or of any other Infinite, for the word is apply'd to more Subjects than one or two : and what made **C A R T E S I U S** backward to affirm expressly that Matter was infinite, contenting himself with the word Indefinite, was his being sure on the one hand that Extension was infinite ; and yet, allowing withal that Matter was naturally inactive and really divisible, he cou'd not well demonstrate its Infinity, tho' you that read him so often need no Proofs that he sometimes positively affirm'd it. As for the Theological Exceptions to this Position, they are of little weight, and show the Philosophy of some Men to be as little as their Zeal is great and fervent ; nor do I believe that the moderate and

**Q** learned

Letter learned Divines of our time will revive  
 V. the exploded Sophisms of their ignorant  
 Predecessors. But I desire you wou'd  
 remember, that notwithstanding my  
 Dissent with Mr. Lock about Space,  
 I consider his *Essay of Human Understanding*  
 to be the most useful Book towards  
 attaining universal Knowldg, that is extant  
 in any Language; as well as for helping  
 Men to speak pertinently, intelligibly,  
 and accurately, of all kinds of Subjects:  
 nor have I affected here to oppose so  
 great a Man; but knowing how much  
 his Authority sway'd with you from my  
 own Recommendation, I took care to  
 remove the Prejudices you might thence  
 entertain against infinite Matter, its  
 essential Motion, or whatever might be  
 built on such Foundations.

28. AND now, SIR, after having  
 led me this tedious Chase, by the work  
 you took care to cut out for me in your  
 short but most comprehensive Letter, I  
 question not but you'll allow that Motion  
 ought to enter into the Definition  
 of Matter, no less than Extension or  
 Solidity. But if you demand the Definition  
 of Motion it self, I answer that  
 I cannot give it, nor any other Man,  
 tho

tho never so able ; not that we know Letter it the less for all this, but on the contrary because we know it better than any thing which is capable of a Definition. Simple Ideas, such as Motion, Extension, Color, Sound, are self-evident, and their Names by no means definable ; but the single Words which denote complex Ideas, that is, a Collection of self-evident Ideas consider'd as one thing, are the true Objects of Definition ; because the several Terms for those Ideas, when put together, show the Connection, Possibility, and Conception of the Whole. Thus all the Words in the world cou'd not explain Blue, nor give the clear Idea of it to one who never saw that Color ; but supposing the same Person never saw any Gold, tho well acquainted with other Metals, yet he'll be able to form a distinct Notion of it, from the mouth of another who describes it of a certain Yellowness and Weight, malleable, fusible, fixt, and the like. When the Names therefore of simple Ideas are defin'd, we must not imagine it to be their Subjects ; for synonymous Terms do not explain the nature of the thing, but give us the meaning of the Word in more intelligible

Q 2

Terms :

Letter Terms: wherefore Passage, Translation,  
 V. Removing, successive Application, are  
 but other words for Motion, and no  
 Definitions of the thing, no more than  
 ARISTOTLE'S *Act of a being in power*  
*so far forth as it is in power*; but all  
 particular local Motions may be defin'd  
 by the Lines they describe, and the  
 Causes that determine the Course or  
 Degrees of their Motion. The same is  
 to be understood of the general Extensi-  
 on of Matter, and of its particular Deter-  
 minations, by Measure, Figures, or any  
 other way. The Solidity of all Mat-  
 ter is likewise an intuitive or undefinable  
 Idea. But I do not here understand Sol-  
 idity in the sense of Geometers, of eve-  
 ry assign'd Quantity that has three Di-  
 mensions; but as Mr. LOCK has sub-  
 stituted this positive Term, instead of  
 the negative one of Impenetrability,  
 for the Resistance we find in every Body  
 to the Entrance of any other Body into  
 the place it possesses till it has left it: as  
 a drop of Water equally prest on all sides,  
 is an insurmountable Obstacle for the  
 strongest Bodys in the Universe to join,  
 till it be remov'd; and so a piece of  
 Wood will keep your two Hands from  
 ever coming together, tho' you endeavour

vour it never so forcibly. The same is Letter as true of all fluid and soft things, as of the most fixt or hard, or heavy or light; as true of Air and Pulp, as of Gold and Diamonds; which, as the most exact Mr. Lock again observes to you, distinguishes the word as put for an inseparable Property of Matter, from the common Acceptation of it, when solid is put for hard, in which sense it is a certain Cohesion of the Parts of any thing difficultly separated, whereas in the Philosophical sense it is a Repletion, or utter Exclusion of all other Bodys, and so I have understood it throughout this whole Letter, except in the third Paragraph.

29. I WON'T say that Matter has no other essential Propertys but these three of Extension, Solidity, and Action: but I am persuaded that from the due and joint Consideration of these alone, a world of its Phænomena may be better accounted for than hitherto. But few Discoverys are to be expected in natural Philosophy from one who abstracts any of them from the rest, or that makes it alone the compleat Essence of Matter: for 'tis most certain that in

Q 3 Matter

Letter V. Matter those Attributes are never otherwise but mentally divided from one another. That Extension, for example, exhausts the Idea of Matter, I deny; since it does not imply Solidity or Motion: but that all extended is Matter, may be very true, tho' Matter be not barely extended, but likewise active and solid. But tho' in the pure Consideration of those Ideas the one does not suppose the other, and that each of 'em has certain Modes which are conceiv'd to belong immediately to it self, yet they are so firmly linkt in Nature, that the one cannot exist without the other, and they all necessarily concur to the producing of those Modes which are proper to each. Extension is the immediate Subject of all the Divisions, Figures, and Parcels of Matter; but 'tis Action that causes those Alterations, and they cou'd not be distinct without Solidity. Action is the immediate Cause of all local Motions, Changes, or Varietys in Matter; but Extension is the Subject and Measure of their Distances: and tho' upon Solidity depends the Resistance, Impulse, and Protrusion of Bodys, yet 'tis Action that produces them in Extension. Solidity, Extension, and Action, are therefore three

three distinct Ideas, but not three different things; only the various Considerations of one and the self-same Matter. To return to our particular Subject, you may easily perceive by this time, that the *Vis motrix*, the true motive Force is this essential Action of Matter; and that the *Vis impressa*, the imprest Force of particular Bodys, is some Determination of the general Action: for in this sense it's indisputable that nothing can move, that is, determine it self, till it be determin'd by some other thing: so that Matter being active, the Direction given to that Action in any part, wou'd of it self for ever continue, because no Effect can be without a Cause; and by consequence this Direction must be chang'd by some greater Force, as that by another, and so on, one never ending but for another to begin, no more than any Figure is destroy'd in Matter, but to make place for another. Thus one Motion is always succeeded by another Motion, and never by absolute Rest, no more than in any Parcel of Matter the ceasing of one Figure is the ceasing of all, which is impossible. These Determinations of Motion in the Parts of solid extended Matter, are what we call the Phæno-

Letter mena of Nature, and to which we give  
V. Names or ascribe Uses, Perfection or  
Imperfection, according as they affect  
our Senses, and cause Pain or Pleasure  
to our Bodys, contribute to our Preser-  
vation or Destruction: but we do not  
always denominate 'em from their real  
Causes, or ways of producing one ano-  
ther, as the Elasticity, Hardness, Soft-  
ness, Fluidity, Quantity, Figures, and  
Relations of particular Bodys. On the  
contrary we frequently attribute many  
Determinations of Motion to no Cause  
at all, as the spontaneous Motion of A-  
nimals: for, however those Motions  
may be accompany'd by Thought, yet,  
consider'd as Motions, they have their  
physical Causes, as a Dog's running after  
a Hare, the Bulk of the external Object  
acting by its whole Force of Impulse  
or Attraction on the Nerves, which are  
so dispos'd with the Muscles, Joints, and  
other Parts, as to produce various Mo-  
tions in the Animal Machine. And  
whoever understands in any measure the  
Action of Bodys on one another by their  
immediate Contact, or by the imper-  
ceptible Particles that continually flow  
from them, and to this Knowledg joins  
that of Mechanics, Hydrostatics, and  
Anatomy,

Anatomy, will be convinc'd that all the Motions of sitting, standing, lying, rising, running, walking, and such others, have their proper, external, material, and proportionable Determinations.

After Mr. NEWTON, in the Preface of his *Mathematical Principles of Natural Philosophy*, has spoken of Gravity, Elasticity, Resistance, Impulse, and Attraction, and of his Explication of the mundane System by these Principles;

\* *I wish, adds he, that we cou'd by the same Method of reasoning be able to explain the other Phenomena of Nature from mechanic Principles ! for I am induc'd by divers Considerations to suspect a little, that all these may depend on certain Forces, whereby from Causes yet undiscover'd the Particles of Bodys are mutually impell'd against each other, and cohære according to regular Figures, or whereby they recede and are driven from one another: which*

<sup>1</sup> Utinam extera Naturæ Phænomena ex Principiis mechanicis eodem argumentandi genere derivare licet ! Nam multa me movent, ut nonnihil suspicere ea omnia ex viribus quibusdam pendere posse, quibus Corporum particulæ per causas nondum cognitas vel in se mutuo impelluntur & secundum Figuras regulares cohærent, vel ab invicem fugantur & recedunt : quibus viribus ignotis, Philosophi hastegus Naturam frustra tentarunt.

**Letter V.** Forces being yet unknown, the Philosophers have hitherto attempted Nature in vain. What those particular Forces and Figures may be, with their Reasons and Degrees, none in the world is so well able to discovet and reduce into an intelligible System, as the most excellent Author: but as for the general or moving Force of all Matter, I wou'd flatter my self, that I have done something towards it in this Letter.

30. T H U S I have return'd a particular Answer, I think, to every Demand in yours, except to your last Objection, which (were there degrees in Truth and Falshood) is more feeble than all the rest. That *after admitting the Activity of Matter, there seems to be no need of a presiding Intelligence*: which, give me leave to say it, is the most thoughtless and unweigh'd Expression I ever knew to drop from your Mouth or Pen; since you do not allow your self to draw invidious Consequences contrary to the Persuasion of your own Conscience, as but too many are known to do. Besides, that God was able to create this Matter active as well as extended, that he cou'd give it the one

one Property as well as the other, and Letter  
that no reason can be assign'd why he shou'd not endue it with the former  
as well as with the latter; is there  
likewise no necessity that he shou'd ever or rather always direct its Mo<sup>t</sup>  
tions? Can the Formation of Animals  
or Plants be accounted for from the Action,  
any more than from the Extension of Matter? Or are you able to  
imagine that the Action and Reaction of Bodys,  
of all the Particles of Matter on one another, cou'd ever have the Contrivance to make any one of those admirable vegetable or animal Machines?  
All your Skill in Mechanism can no  
more help you, than it did **CARTESIUS**, to find out Rules and Engines  
for making either a Man or a Mouse.  
All the jumbling of Atoms, all the  
Chances you can suppose for it, cou'd no more bring the Parts of the Universe into their present Order, nor continue them in the same, nor cause the Organization of a Flower or a Fly, than  
you can imagine that by tumbling together the Letters of a Printer a million  
of times, they shou'd ever fall at last into such a Position, as to make the *Aeneis* of **VIRGIL**, or the *Ilias* of  
**HOMER**,

Letter HOMER, or any other Book in the  
V. world. And as for the Infinity of Mat-  
ter, it only excludes, what all reasonable  
and good Men must exclude, an ex-  
tended corporeal God, but not a pure  
Spirit or immaterial Being. I am per-  
suaded, that in omitting many other  
common Objections, you purposely  
spar'd me, knowing there was no end  
of Absurditys from false or precarious  
Systems ; Absurditys so monstrous, that  
they have driven several of the Carte-  
sians (to name no others) to as mon-  
strous Hypotheses, when not knowing  
wherein consisted the moving Force,  
and for avoiding the Transition of Ac-  
cidents from one Subject to another,  
they are not ashame'd to say, that God  
takes the Motion from one Bowl that  
is running forward (for example) and  
communicates it to the other against  
which it rubs, continuing it during its  
Course by his immediate Concurrence,  
and taking it away by such degrees as  
are observ'd in the ordinary Laws of  
Motion. Is this to explain any thing?  
Or are these the men that laugh at  
Sympathy, Antipathy, occult Qualitys,  
or the like? I know to whom I ad-  
dress my self, when I speak of every  
thing

thing so succinctly; any the least Hint being enough for you, to work out all the rest by your own most happy Genius: besides that the ordinary Solutions can never satisfy any man who denies the ordinary Suppositions.

Letter  
V.

31. PRAY, against your writing to me next, be pleas'd to consider whether the Mathematicians (who are generally the best and strictest Reasoners, tho they build sometimes on groundless Suppositions, and have often made real Beings of abstracted Ideas) whether, I say, they did not perceive, without reflecting that they did so, the Necessity of this intrinsick and essential Action of Matter, by their *Conatus ad Motum*? I have purposely omitted insisting on this, when I shew'd you that it was the Discovery of the same perpetual and universal Action, that gave a Being to the Systems of the Stoicks, Plastics, Hylozoicks, and others: for my Intention has not bin to write all I cou'd say on this Subject, but as much as I thought necessary to answer your Objections, and to bring you over to the same Opinion. Neither will I point out to you what further use in

Philosophy

Letter Philosophy may be made of this essential Motion of Matter, besides a clearer Knowldg of Nature in general, and the particular Decision of the Controversys about the moving Force, about local Motion without or with a Void, about the nature of Space, and the Infinity of Matter. I am confident that before your reading thus far, you have already made the Application of this Doctrin to several other Difficultys, having impartially revolv'd in your own Mind the unsatisfactory Guesses and miserable Circles, rather than genuine Explications of the Schools ; and that you have consider'd likewise what numberless Errors may branch themselves over the whole Body of Philosophy, from any one false Principle laid down for undisputed Truth, without Proof or Examination. What Observations of this kind I have made my self from time to time, I shall freely impart to you and our common Friend, who alone philosophizes at Court, and who exceeds all the rest in Politeness and Address, as much as he does in Wisdom and Literature, his superior Genius and admirable Sense no less distinguishing him in ordinary

ordinary Ceremonys, than in the nicest Letter  
and most arduous Points of State Af-  
fairs. But I shall give you no further ~~trouble~~  
trouble, SIR, till you are next dis-  
pos'd to honor me with your Com-  
mands.



*F I N I S.*

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**Pittura  
di M. Sillitti  
Latina - (B. Piazzesi)**  
**1970**

